CASSETTE RECEIVER

KRC-277A/G/YA/YG
KRC-307S/3701Y
KRC-387

SERVICE MANUAL

KENWOOD

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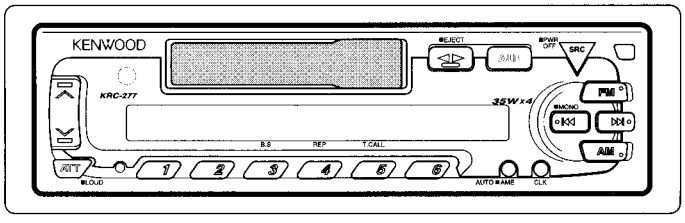
B51-7438-00 (K) 3279

MECHANISM EXTENSION CORD
W05-0477-00 (7P)
W05-0609-00 (10P)

KRC-277A/G/YA/YG (E)



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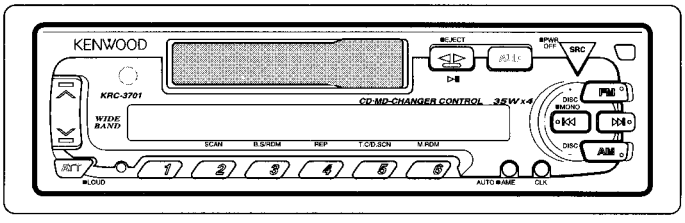

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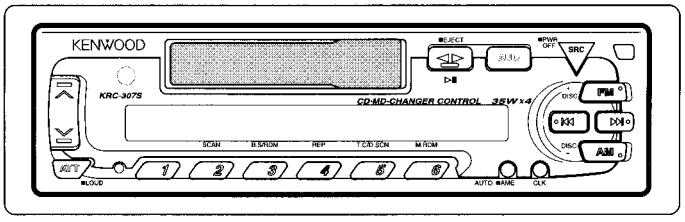

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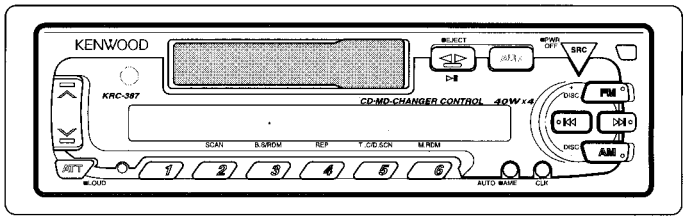

DC CORD
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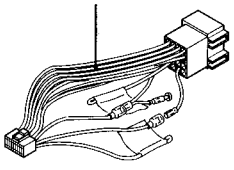
KRC-277xx/3701Y only



ANTENNA ADAPTOR
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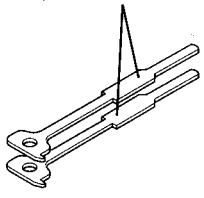
KRC-277xx/3701Y only

LEVER
(D10-3031-04)x2



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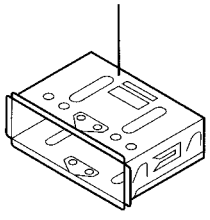

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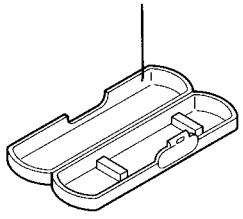
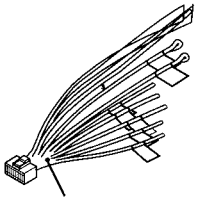
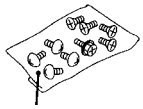




DC CORD
(E30-xxxx-xx)
Refer to the parts list.
KRC-307S/387 only



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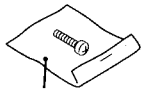
KRC-307S/387 only



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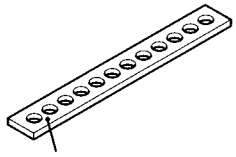

STAY
(J54-0606-04)
KRC-307S/387 only

KRC-277A/G/YA/YG,307S/3701Y/387

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CONTENTS

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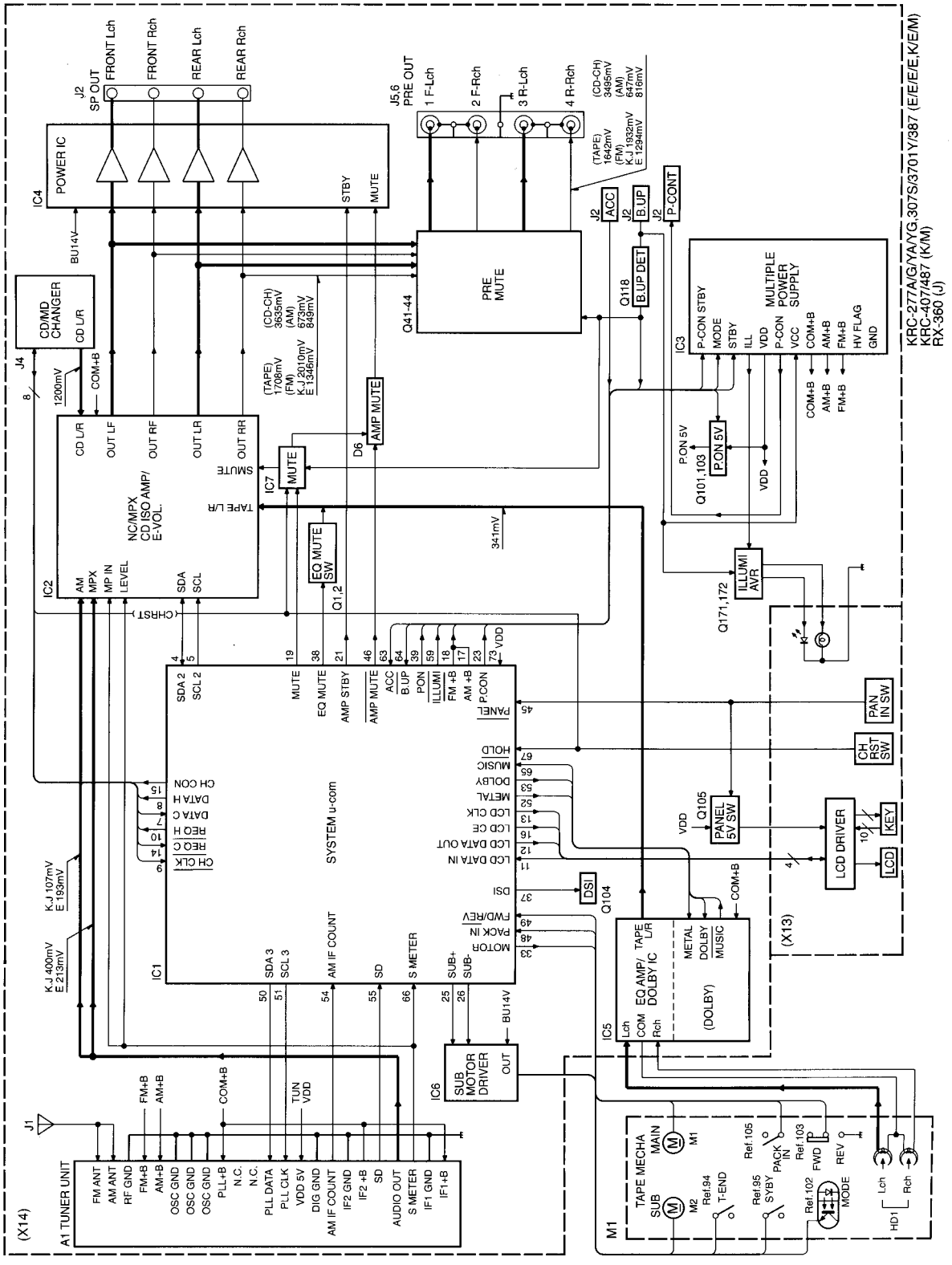
BLOCK DIAGRAM



CIRCUIT DESCRIPTION

(X14-) IC1 : SYSTEM u-COM

PORT No.	PORT NAME	I/O	FUNCTION	OPERATING CONDITION
1	XIN	I	Clock input	
2	TEST 2	-	GND	
3	T END	I	Tape end SW	
4	SDA 2	I/O	Data line to E-VOL.	
5	SCL 2	O	Clock line to E-VOL.	
6	STBY	I	Tape stand-by SW	
7	DATA C	I	Changer data input	
8	DATA H	O	Changer data output	
9	$\overline{\text{CH CLK}}$	I	Changer clock input	
10	$\overline{\text{REQ H}}$	O	Changer request output	
11	LCD DATA IN	I	LCD driver data input	
12	LCD DATA OUT	O	LCD driver data output	
13	LCD CLK	O	LCD driver clock output	
14	$\overline{\text{REQ C}}$	I	Changer request input	
15	CH CON	O	Changer control	
16	LCD CE	O	LCD driver Chip Enable output	
17	AM+B	O	AM power supply control	
18	$\overline{\text{FM+B}}$	O	FM power supply control	
19	MUTE	O	Mute output for audio circuit	"L" : Mute
20	-	-	-	
21	AMP STBY	O	Stand-by output to power amplifier	
22	SVR	O	SVR discharge circuit control	
23	P. CON	O	Power control	"H" : ON
24	ANT CONT	O	Tuner ANT control	"H" : Tuner mode
25	SUB+	O	Sub motor + output	
26	SUB-	O	Sub motor - output	
27	-	-	-	
28	SEL 2	I	Destination discrimination 2	
29	SEL 1	I	Destination discrimination 1	
30	SEL 0	I	Destination discrimination 0	
31	VDD	-	VDD	
32	N. CAN	I	Noise canceller setting	
33	MOTOR	O	Motor-ON output	"H" : ON
34-36	-	-	-	
37	DSI	O	Disable System Indicator	"H" : ON
38	EQ MUTE	O	Tape equaliser mute output	
39	P. ON	O	Power on	
40	-	-	-	

CIRCUIT DESCRIPTION

(X14-) IC1 : SYSTEM u-COM

PORT No.	PORT NAME	I/O	FUNCTION	OPERATING CONDITION
41	-	-	-	
42	MS CONT	O	-	
43	-	-	-	
44	BEEP	O	Beep output (2.08KHz)	
45	$\overline{\text{PANEL}}$	I	Panel ON/OFF detection	"H" : Panel ON
46	$\overline{\text{AMP MUTE}}$	O	Mute	
47	CRSC	I	CRSC Setting	
48	PACK IN	I	Pack-in detection	
49	FWD/$\overline{\text{REV}}$	I	Tape FWD/REV	"H" : FWD
50	SDA 3	O	PLL/EEPROM data line	
51	SCL 3	O	PLL/EEPROM clock line	
52	METAL	O	Metal mode ON/OFF	"H" : ON
53	DOLBY	O	Dolby	"H" : ON
54	AM IF CONT	I	AM IF count judgement	
55	SD	I	SD input	
56	REMOTE	I	Remote controller	
57,58	-	-	-	
59	$\overline{\text{ILLUMI}}$	O	Illumination on	
60	-	-	-	
61	T MODE	I	Mode pulse input	
62	PHONE	I	Telephone mute input	
63	ACC	I	ACC detection	
64	$\overline{\text{BACK UP}}$	I	Back Up detection	"L" during power falling
65	MUSIC	I	Tape signal detection	"L" during tape signal exists
66	S-METER	I	FM band SD detection	"H" during FM exists
67	$\overline{\text{HOLD}}$	I	Hold Detection	"L" : Hold
68	$\overline{\text{SNS}}$	I	-	
69	LCTR	-	GND	
70	HCTR	-	GND	
71,72	-	-	-	
73	VDD	-	VDD	
74	AM IN	-	GND	
75	FM IN	-	GND	
76	VSS	-	GND	
77,78	-	-	-	
79	TEST1	-	GND	
80	XOUT	I	Clock output	

TUNER ADJUSTMENT MODE

The tuner adjustment mode can be entered by the reset start operation while holding the "3" and "6" keys depressed. The power will be turned on by automatically selecting the tuner FM source.

FM S-METER SLIDER ADJUSTMENT

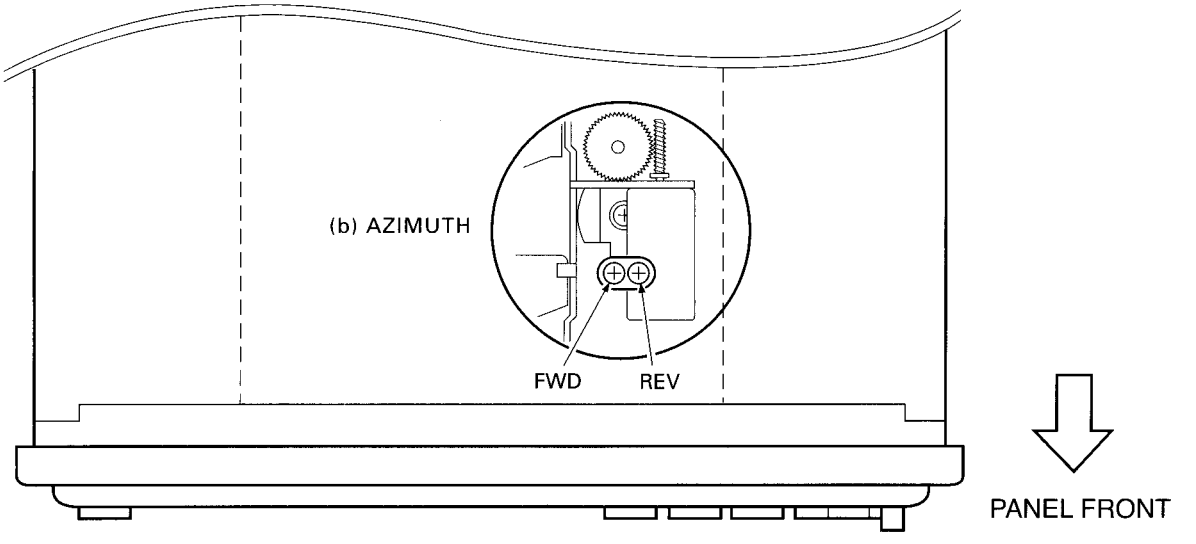
This mode has been designed to set the FM S-meter slider values to vary the FM tone.

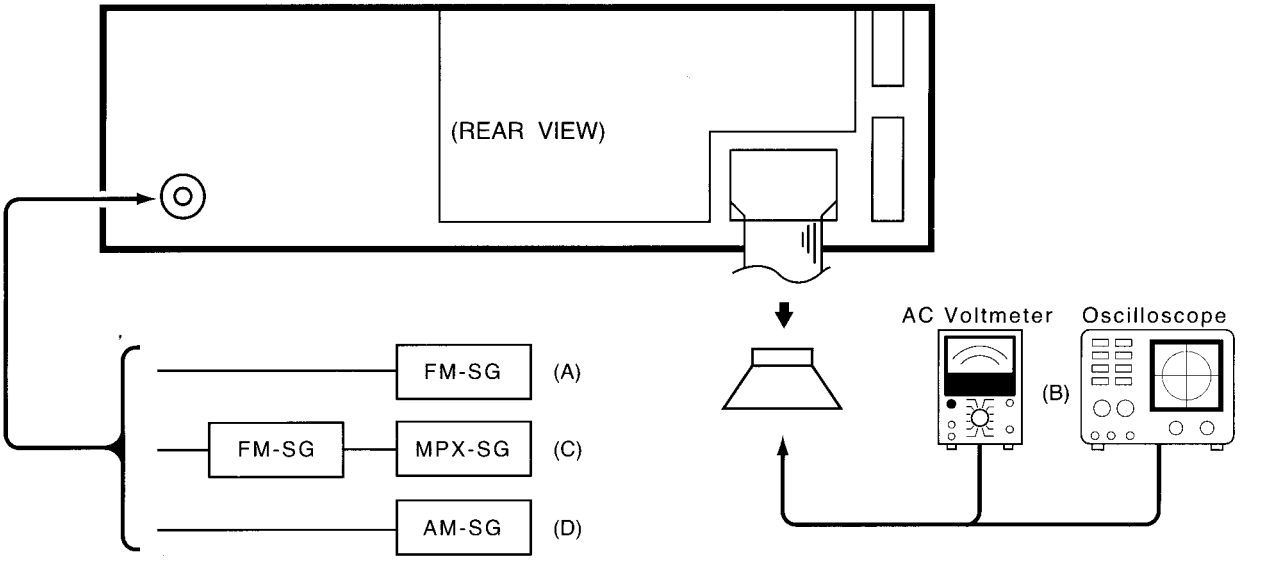
1. "F-XX" is displayed. "XX" shows the current FM S-meter slider value.
2. The value is increased or decreased when pressing the SEEK "Up/Down" key.
   The value can be varied in the range from "00" to "31".
   "Up" means that to attenuate high FM tones.
   "Down" means that to enhance high FM tones.
3. Press the "FM" key. The setting is stored in memory when the beep tones will be generated twice.
4. Turn power off then on again. Hereafter, FM sounds normally with above setting.

ADJUSTMENT

BALANCE/FADER/BASS/TREBLE : CENTER
T.ADV/METAL/DOLBY NR/AUTO : OFF

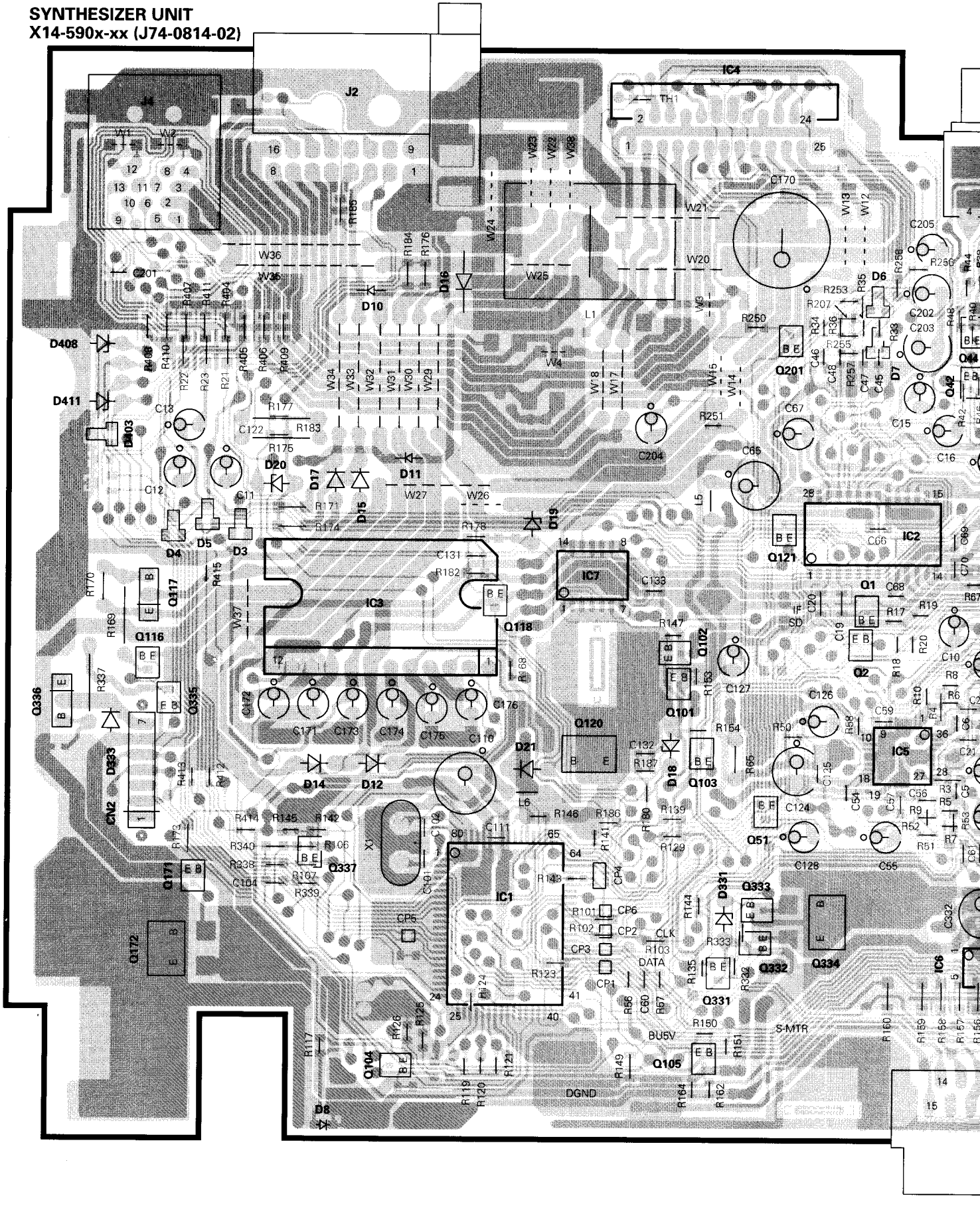
No.	ITEM	INPUT SETTINGS	OUTPUT SETTINGS	RECEIVER SETTINGS	ALIGNMENT POINTS	ALIGN FOR	FIG.
	CASSETTE DECK SECTION						
1	AZIMUTH	TCC-153 10KHz	(B)	TAPE PLAY	Head azimuth screw (FWD/REV) (ME1)	Adjust so that output level in playing "FWD" and "REV" becomes maximum each.	(b)





PC BOARD(Component side view)

SYNTHESIZER UNIT
X14-590x-xx (J74-0814-02)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J2
IC4
TH1
W1
W2
W21
W20
W25
W24
W36
W35
C170
C205
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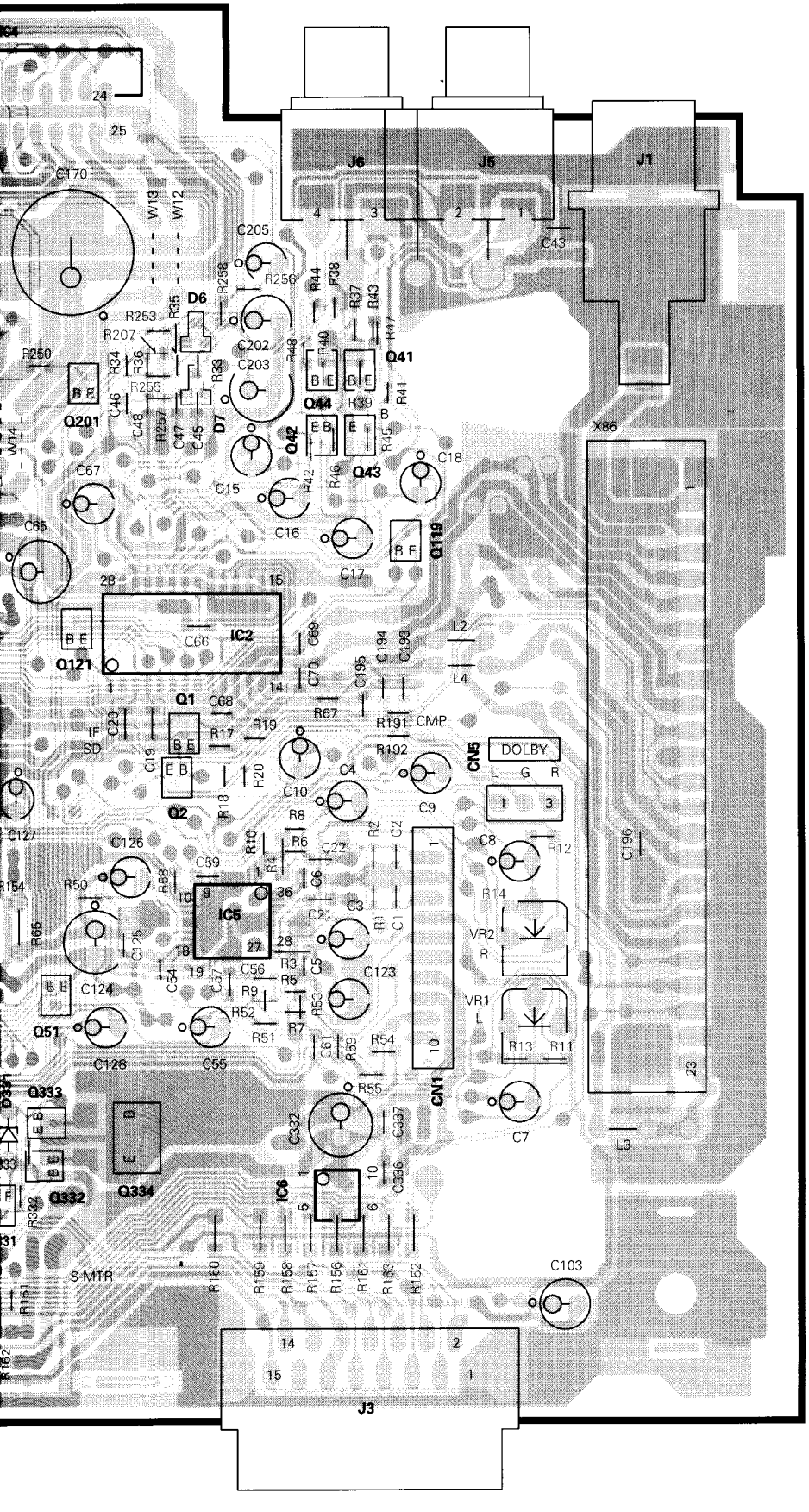
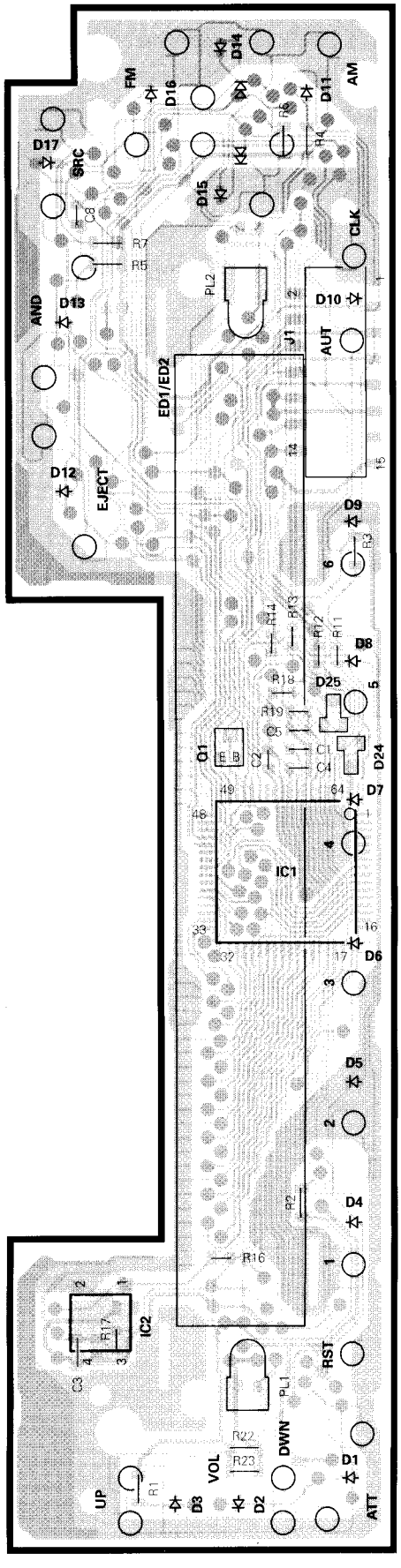
D10
D16
D6
L1
D408
D411
D403
C13
C122
R183
R177
R175
D20
D17
D11
W27
W26
C204
C67
C65
C15
C16
C12
C11
D4
D5
D3
D15
D19
R171
R174
R178
C131
R182
IC3
IC7
C133
IC2
C66
Q121
Q117
Q116
Q118
Q1
Q2
Q102
Q101
R147
R153
C127
C68
R19
R17
C10
R8
R6
C126
C59
R50
IC5
C124
C128
C55
Q51
R52
R51
R7
Q336
Q335
R337
D333
CN2
R413
R412
D14
D12
Q120
C132
R187
D21
D18
Q103
R154
R65
L6
R146
R186
R139
R129
R141
R145
R142
R106
R340
R338
C104
R107
R339
Q337
Q171
Q172
X1
C101
C111
IC1
R148
CP4
CP5
CP6
CP2
CP3
CP1
R101
R102
R103
CLK
DATA
R123
R124
R125
R126
R117
Q104
D8
DGND
D331
Q333
Q332
Q331
Q334
R144
R333
R332
R135
C60
R66
R67
R150
BUSV
S-MTR
Q105
R149
R151
R164
R162
IC6
C332
R160
R159
R158
R157
R156
R253
R207
R250
R255
R257
R258
R256
R35
R34
R36
R33
C46
C48
C47
C45
D7
Q201
Q44
Q42
C202
C203
R44
R40
R46
R42
C69
C70
R67
C20
C19
R17
R19
R20
R18
IF
SD
C54
C57
C56
R3
R5
R9
R53
C61
C21
C6
C5
R63
R10
R4
R58
C25
C52
C51
C128
C55
R52
R51
R7

SWITCH UNIT
X13-941x-xx (J74-0812-02)

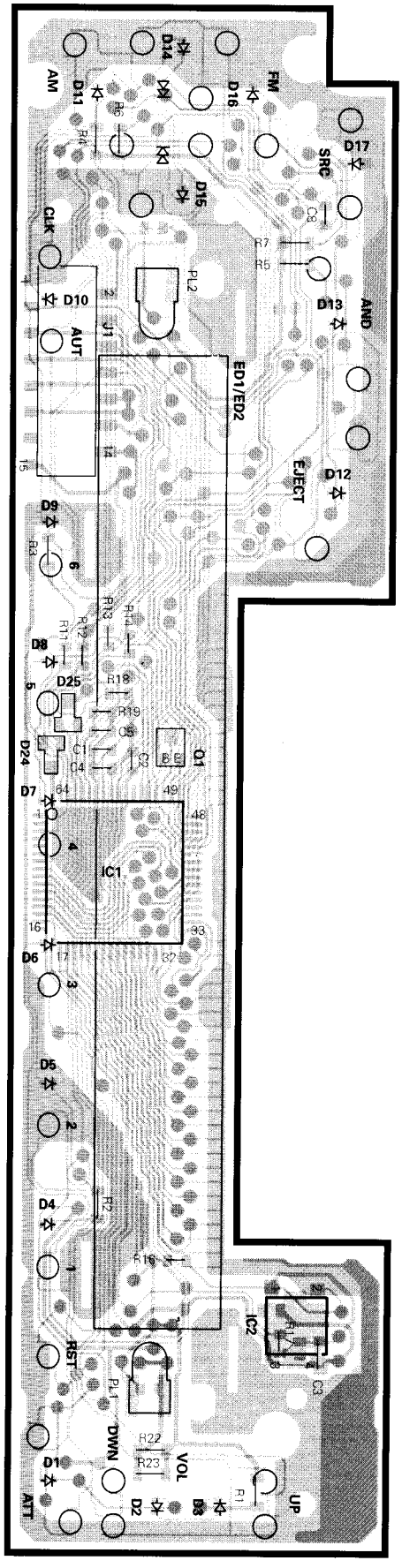




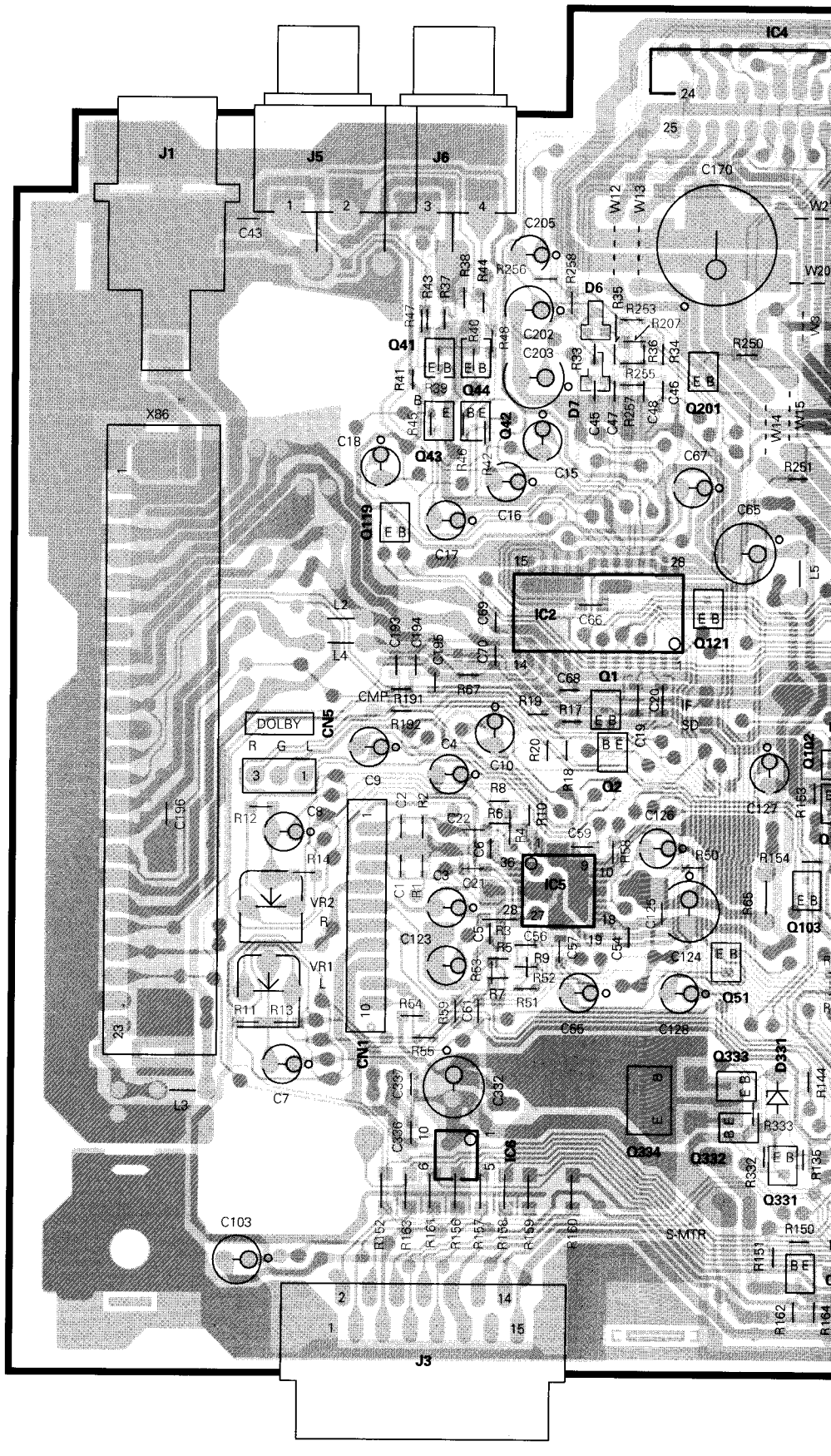
Refer to the schematic diagram for the value of resistors and capacitors.

PC BOARD(Foil side view)

SWITCH UNIT
X13-941x-xx (J74-0812-02)

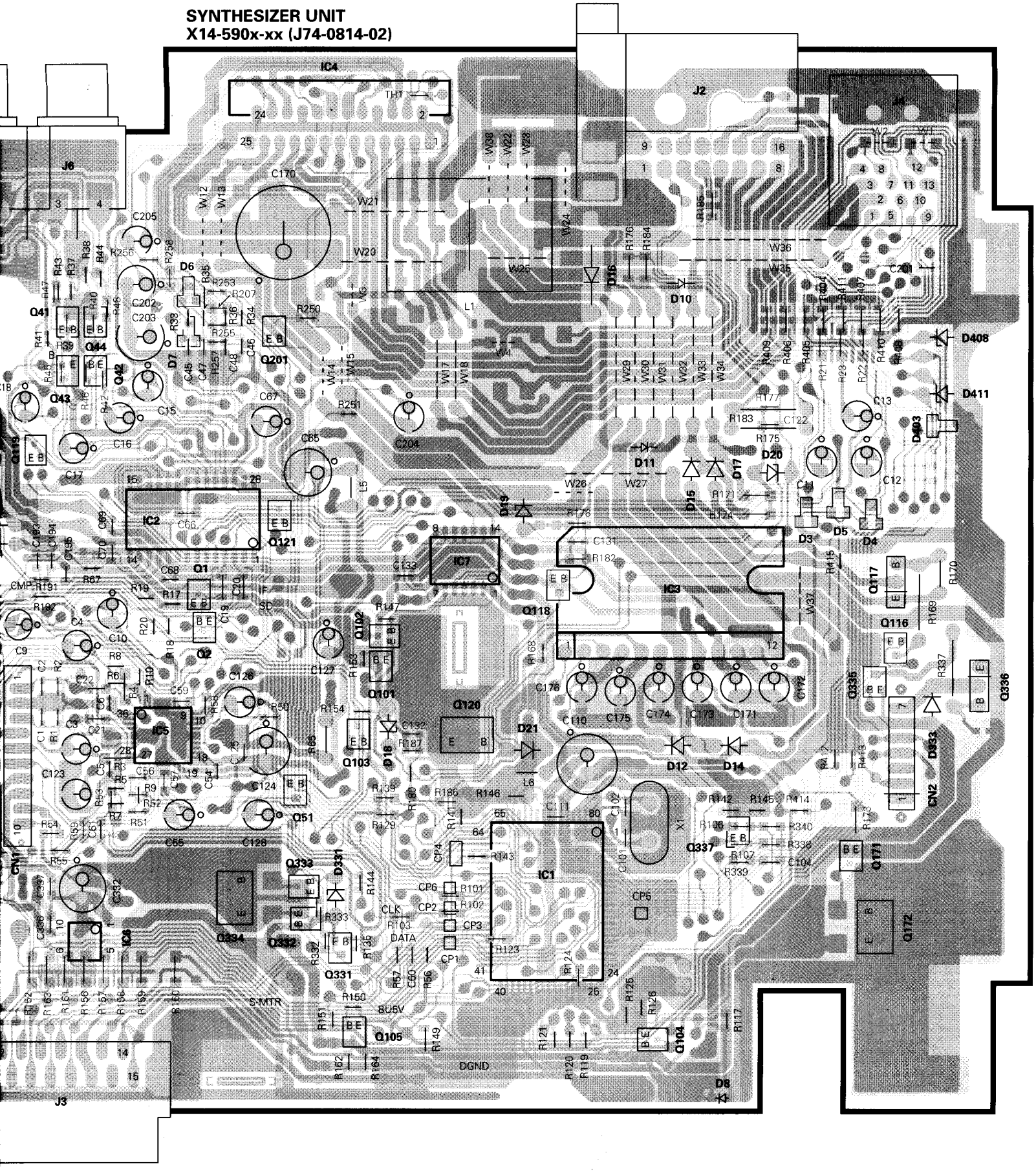


SYNTHESIZER UNIT
X14-590x-xx (J74-0814-0



Refer to the schematic diagram for the value of resistors and capacitors.

SYNTHESIZER UNIT
X14-590x-xx (J74-0814-02)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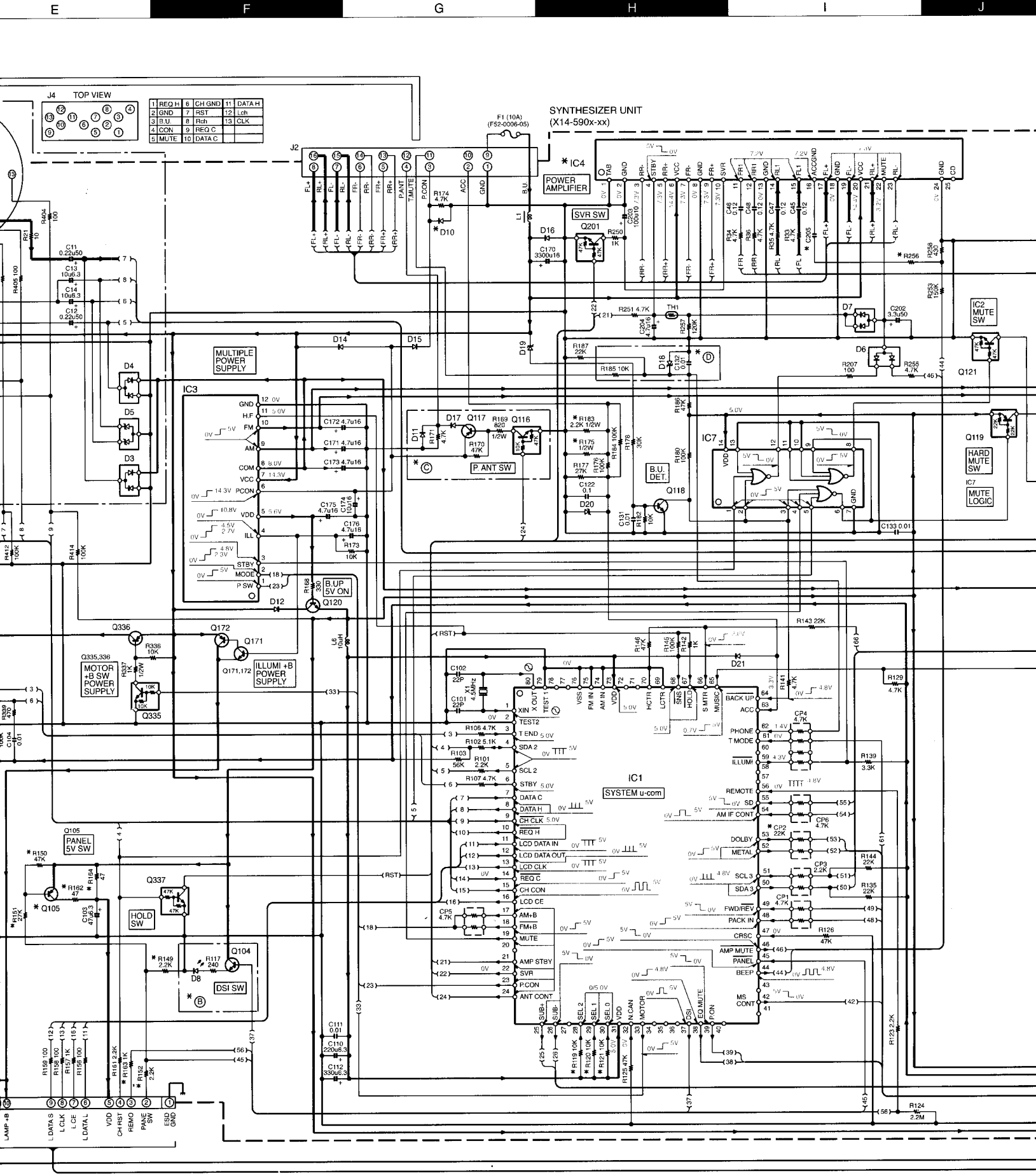
R39
R40

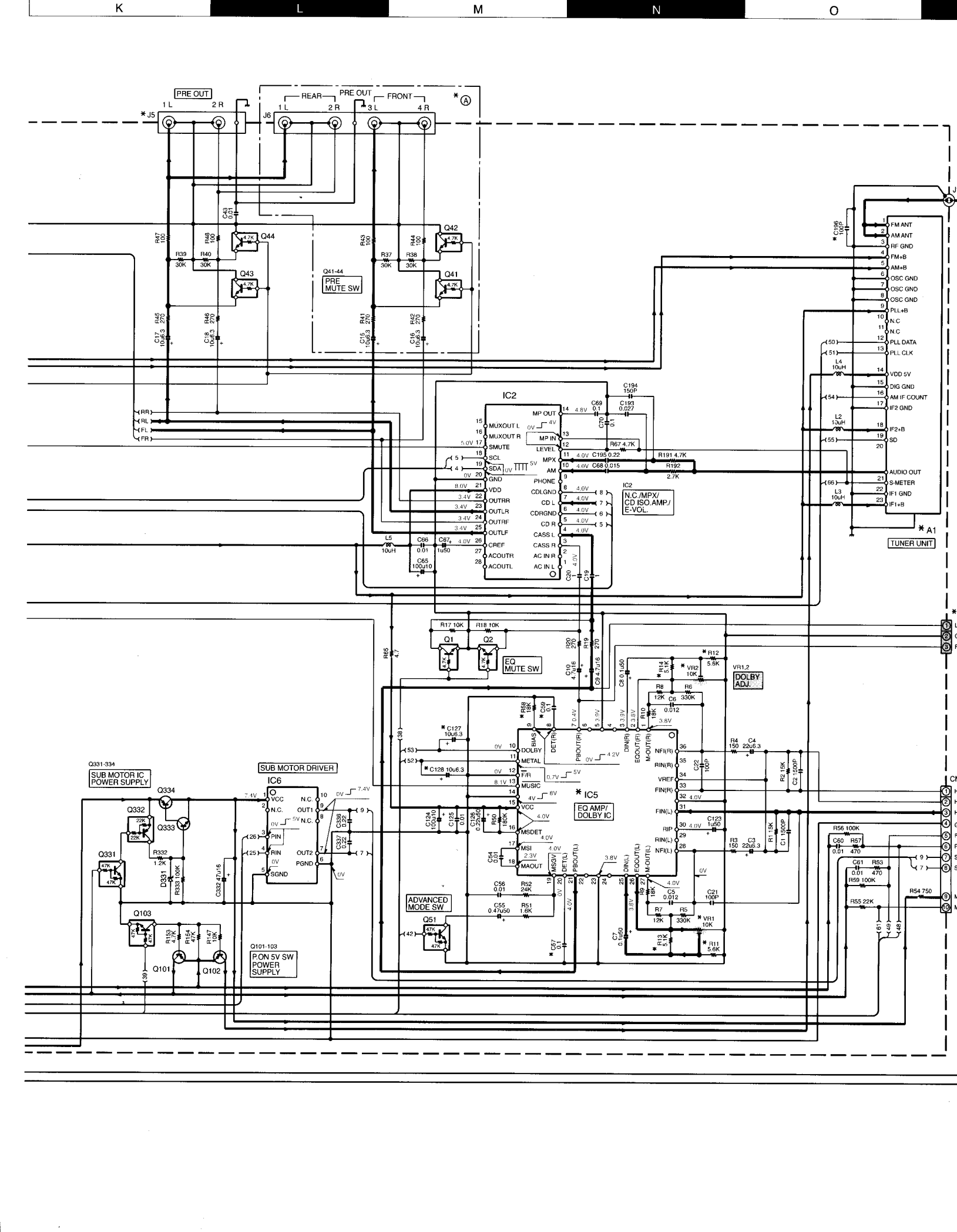
(X14-590x-xx)

MODEL NAME	DES.	UNIT No.	Ⓐ	Ⓑ	Ⓒ	Ⓓ	Ⓔ	C67,59, 127,128	C196	C205	CN5	D10	Q105	IC4	IC5	A1
KRC-407	K	0-10	YES	YES	NO	NO	YES	YES	NO	0.47	YES	YES	YES	TDA7384A	HA12192F	X86-3090-11
KRC-487	M	0-21	YES	YES	YES	NO	YES	YES	NO	0.47	YES	NO	YES	TDA7384A	HA12192F	X86-3090-11
KRC-307S	K	0-11	NO	YES	NO	NO	YES	NO	NO	0.1	NO	YES	YES	TDA7385	HA12197F	X86-3090-11
KRC-387	M	0-22	NO	YES	YES	NO	YES	NO	NO	0.47	NO	NO	YES	TDA7384A	HA12197F	X86-3090-11
RX-360	J	0-01	NO	NO	YES	NO	YES	YES	YES	0.47	YES	NO	NO	TDA7384A	HA12192F	X86-3090-01
KRC-3701Y	E	2-71	NO	YES	NO	YES	YES	NO	NO	0.1	NO	YES	YES	TDA7385	HA12197	X86-3092-70
KRC-277A/G KRC-277YA/YG	E	2-72	NO	YES	NO	YES	NO	NO	NO	0.1	NO	YES	YES	TDA7385	HA12197	X86-3092-71

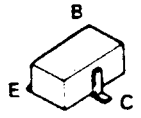
MODEL NAME	DES.	UNIT No.	R11-14	R58, 160,163	R119	R120	R12
KRC-407	K	0-10	NO	YES	NO	NO	NO
KRC-487	M	0-21	NO	YES	NO	NO	YES
KRC-307S	K	0-11	YES	NO	NO	YES	NO
KRC-387	M	0-22	YES	NO	YES	NO	NO
RX-360	J	0-01	NO	YES	NO	YES	YES
KRC-3701Y	E	2-71	YES	NO	YES	NO	YES
KRC-277A/G KRC-277YA/YG	E	2-72	YES	NO	YES	YES	NO



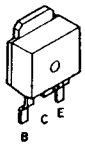
A1	MODEL NAME	DES.	UNIT No.	R11-14	R58, 160,163	R119	R120	R121	R149,164, 183	R150-152, 162	R175	R256	J3	J5	VR1,2	CP2
86-3090-11	KRC-407	K	0-10	NO	YES	NO	NO	NO	NO	YES	3.3K	750	E58-0879-05	NO	YES	YES
86-3090-11	KRC-467	M	0-21	NO	YES	NO	NO	YES	NO	YES	3.3K	750	E58-0879-05	NO	YES	YES
86-3090-11	KRC-307S	K	0-11	YES	NO	NO	YES	NO	NO	YES	3.3K	3.0K	E58-0879-05	YES	NO	NO
86-3090-11	KRC-387	M	0-22	YES	NO	YES	NO	NO	NO	YES	3.3K	750	E58-0879-05	YES	NO	NO
86-3090-01	RX-360	J	0-01	NO	YES	NO	YES	YES	YES	NO	1.3K	750	E58-0880-05	YES	YES	YES
86-3092-70	KRC-3701Y	E	2-71	YES	NO	YES	NO	YES	NO	YES	3.3K	3.0K	E58-0879-05	YES	NO	NO
86-3092-71	KRC-277A/G KRC-277YA/YG	E	2-72	YES	NO	YES	YES	NO	NO	YES	3.3K	3.0K	E58-0879-05	YES	NO	NO


PRE OUT
1 L
2 R
J5
REAR
PRE OUT
FRONT
3 L
4 R
J6
Q41-44
PRE MUTE SW
Q41
Q42
Q43
Q44
IC2
N.C./MPX/ CD ISO.AMP./ E-VOL.
TUNER UNIT
FM ANT
AM ANT
RF GND
FM+B
AM+B
OSC GND
PLL+B
N.C
PLL DATA
PLL CLK
VDD 5V
DIG GND
AM IF COUNT
IF2 GND
IF2+B
SD
AUDIO OUT
S-METER
IF1 GND
IF1+B
EQ MUTE SW
Q1
Q2
DOLBY ADJ.
VR1,2
IC5
EQ AMP/ DOLBY IC
ADVANCED MODE SW
Q51
SUB MOTOR IC POWER SUPPLY
Q331-334
SUB MOTOR DRIVER
IC6
Q331
Q332
Q333
Q334
Q101-103
P.ON 5V SW POWER SUPPLY
Q101
Q102
Q103

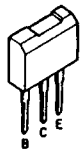
DTA114EK
DTC114YUA
DTC143TUA
UN5211
UN5213
UN5214
UN5216
2SD1819A



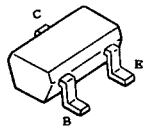
2SB1184



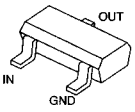
2SB1277
2SB1443



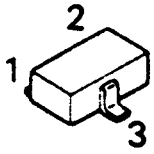
2SC4081



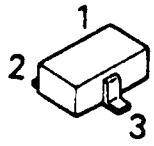
DTC114EUA
DTC144EUA



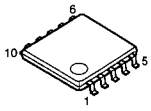
DAP202U
DA204K

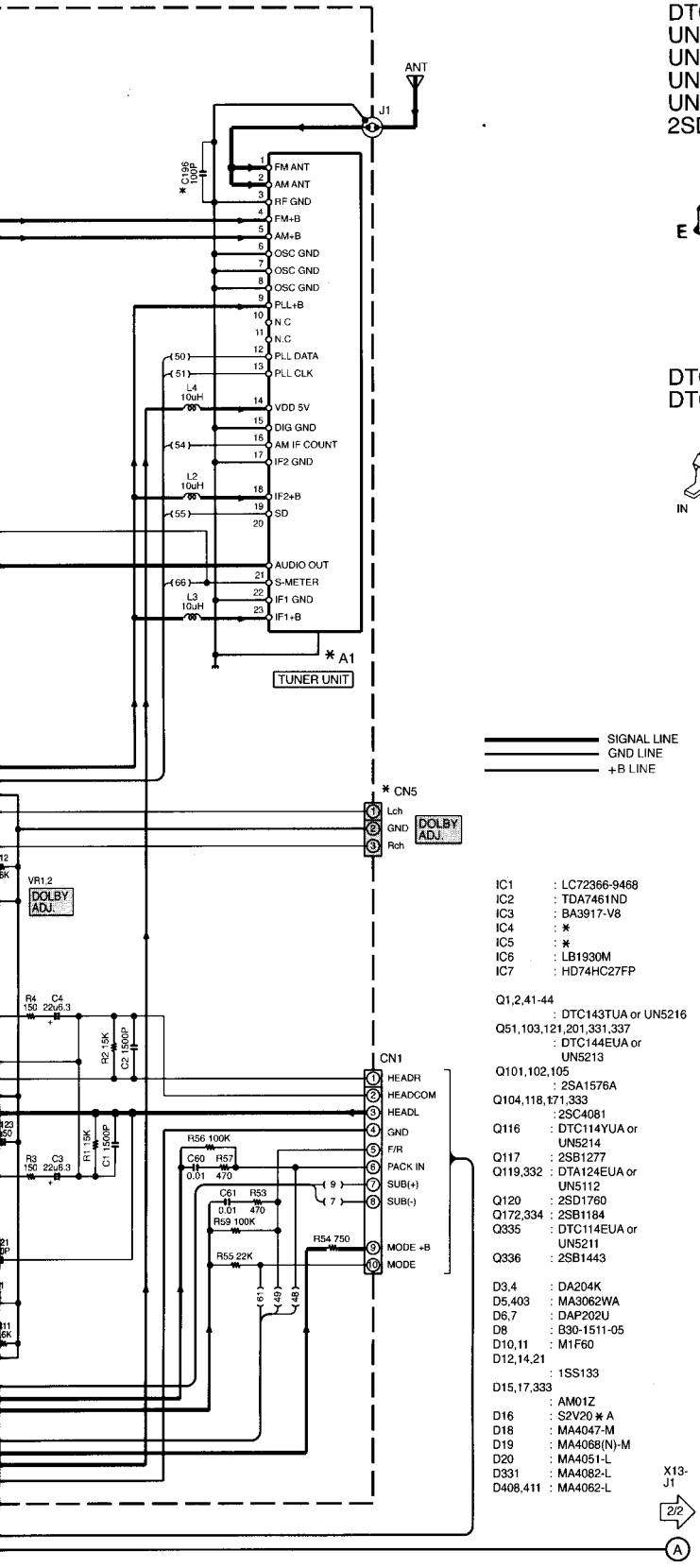


MA142WA



LB1930M





IC1 : LC72366-9468
IC2 : TDA7461ND
IC3 : BA3917-V8
IC4 : *
IC5 : *
IC6 : LB1930M
IC7 : HD74HC27FP

Q1,2,41-44
: DTC143TUA or UN5216
Q51,103,121,201,331,337
: DTC144EUA or UN5213
Q101,102,105
: 2SA1576A
Q104,118,171,333
: 2SC4081
Q116 : DTC114YUA or UN5214
Q117 : 2SB1277
Q119,332 : DTA124EUA or UN5112
Q120 : 2SD1760
Q172,334 : 2SB1184
Q335 : DTC114EUA or UN5211
Q336 : 2SB1443

D3,4 : DA204K
D5,403 : MA3062WA
D6,7 : DAP202U
D8 : B30-1511-05
D10,11 : M1F60
D12,14,21
: 1SS133
D15,17,333
: AM01Z
D16 : S2V20 * A
D18 : MA4047-M
D19 : MA4068(N)-M
D20 : MA4051-L
D331 : MA4082-L
D408,411 : MA4062-L

CAUTION: For continued safety, replace safety critical components only with manufacturer's recommended parts (refer to parts list). ⚠ indicates safety critical components. For continued protection against risk of fire, replace only with same type and rating fuse(s). To reduce the risk of electric shock, leakage-current or resistance measurements shall be carried out (exposed parts are acceptably insulated from the supply circuit) before the appliance is returned to the customer.

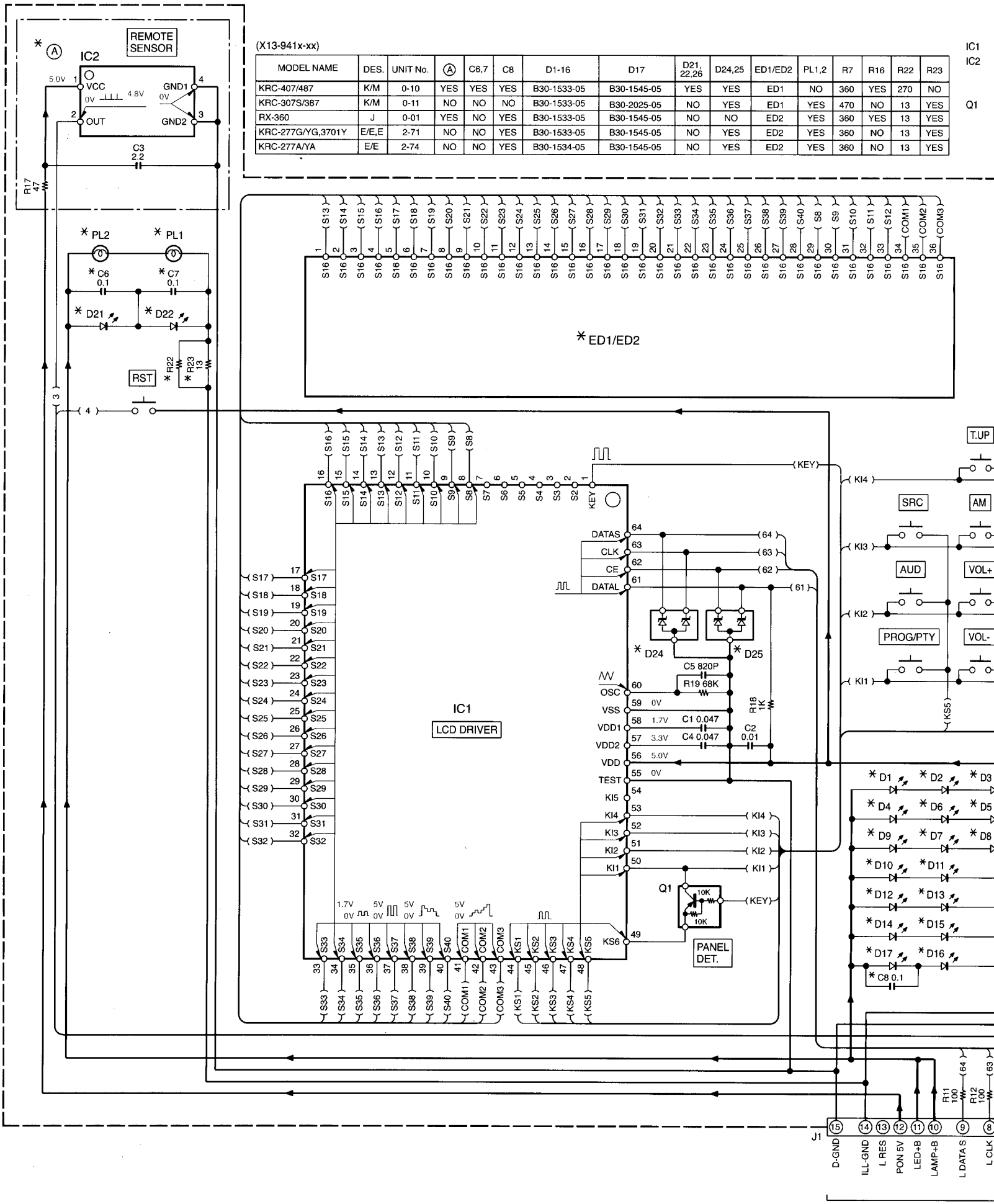
KRC-277A/G/YA/YG,307S/3701Y/387 (E/E/E/E,K/E/M)
KRC-407/487 (K/M)
RX-360 (J) (1/2)

SWITCH UNIT (X13-941x-xx)

(X13-941x-xx)

MODEL NAME	DES.	UNIT No.	Ⓐ	C6,7	C8	D1-16	D17	D21, 22,26	D24,25	ED1/ED2	PL1,2	R7	R16	R22	R23
KRC-407/487	K/M	0-10	YES	YES	YES	B30-1533-05	B30-1545-05	YES	YES	ED1	NO	360	YES	270	NO
KRC-307S/387	K/M	0-11	NO	NO	NO	B30-1533-05	B30-2025-05	NO	YES	ED1	YES	470	NO	13	YES
RX-360	J	0-01	YES	NO	YES	B30-1533-05	B30-1545-05	NO	NO	ED2	YES	360	YES	13	YES
KRC-277G/YG,3701Y	E/E,E	2-71	NO	NO	YES	B30-1533-05	B30-1545-05	NO	YES	ED2	YES	360	NO	13	YES
KRC-277A/YA	E/E	2-74	NO	NO	YES	B30-1534-05	B30-1545-05	NO	YES	ED2	YES	360	NO	13	YES

IC1
IC2
Q1



D24,25	ED1/ED2	PL1,2	R7	R16	R22	R23
YES	ED1	NO	360	YES	270	NO
YES	ED1	YES	470	NO	13	YES
NO	ED2	YES	360	YES	13	YES
YES	ED2	YES	360	NO	13	YES
YES	ED2	YES	360	NO	13	YES

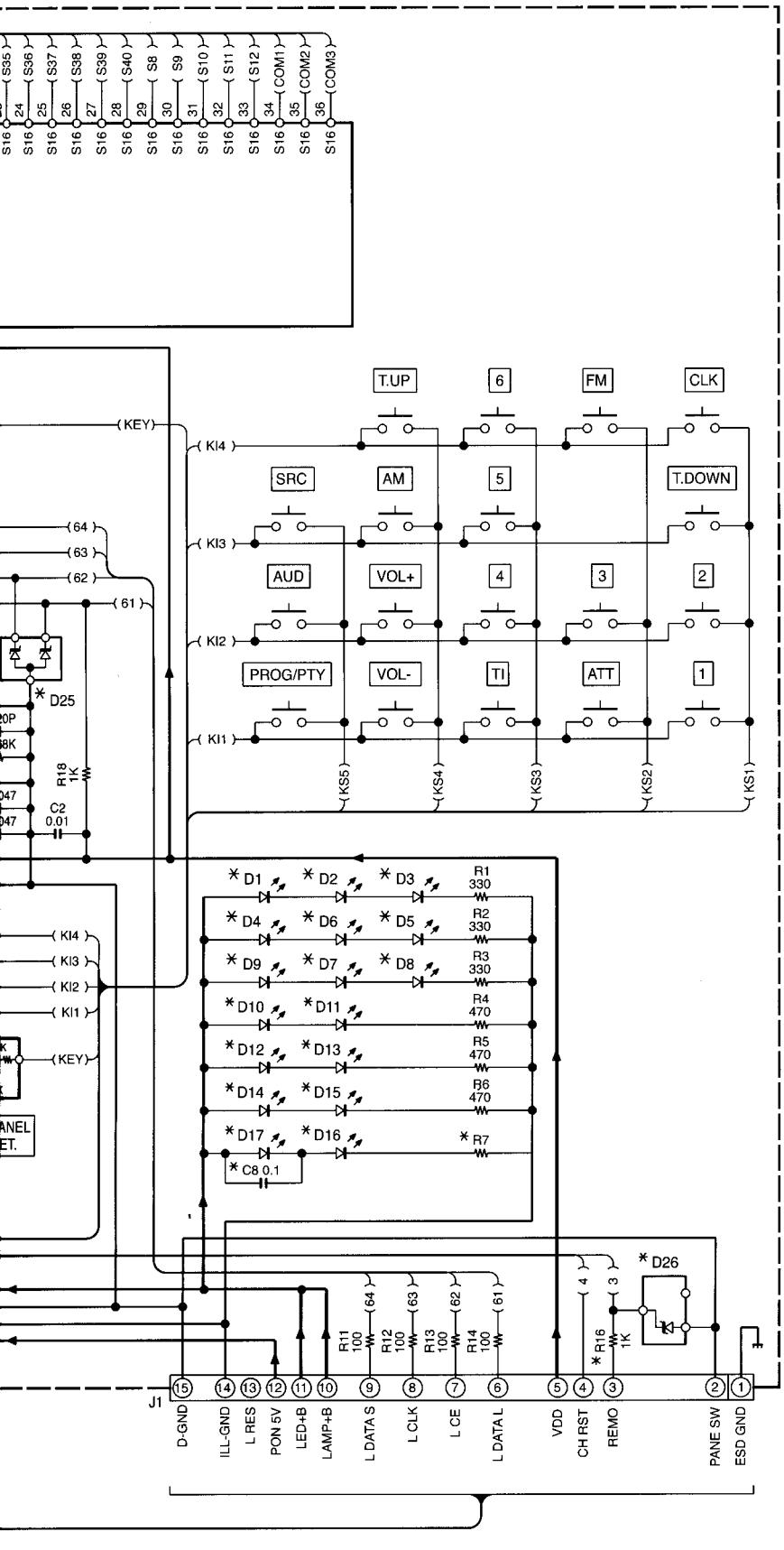
IC1 : LC75853NE
IC2 : RS-171

Q1 : DTA114EK

D1-16 : ✳
D17 : B30-1545-05
D21,22 : B30-1537-05
D24,25 : MA3062WA
D26 : MA3062-M

GND LINE
+B LINE

CAUTION: For continued safety, replace safety critical components only with manufacturer's recommended parts (refer to parts list). ⚠ indicates safety critical components. For continued protection against risk of fire, replace only with same type and rating fuse(s). To reduce the risk of electric shock, leakage-current or resistance measurements shall be carried out (exposed parts are acceptably insulated from the supply circuit) before the appliance is returned to the customer.

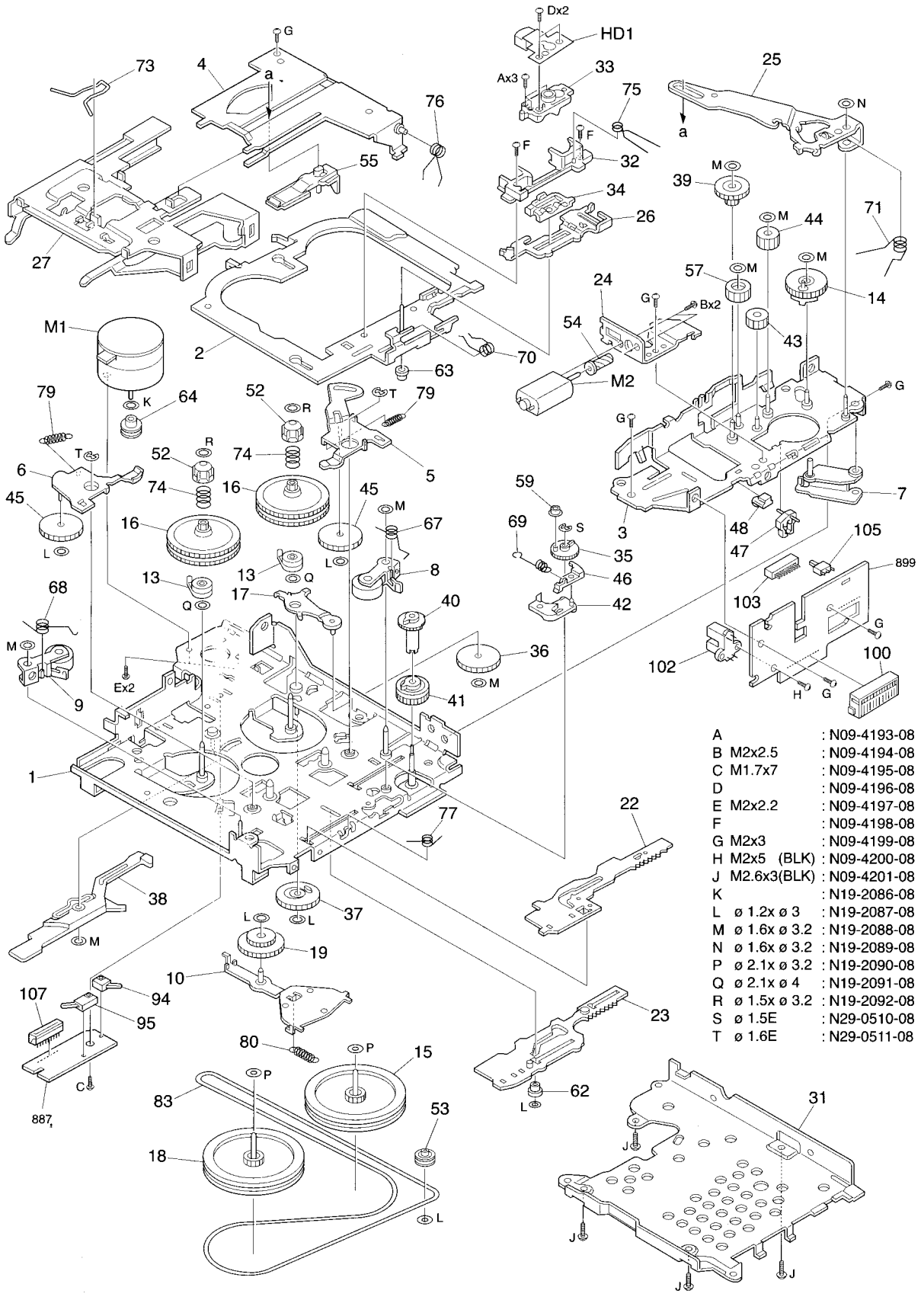


KRC-277A/G/YA/YG,307S/3701Y/387(E/E/E/E,K/E/M)
KRC-407/487(K/M)
RX-360(J) (2/2)

KRC-277A/G/YA/YG,307S/3701Y/387

KENWOOD

EXPLODED VIEW (MECHANISM)

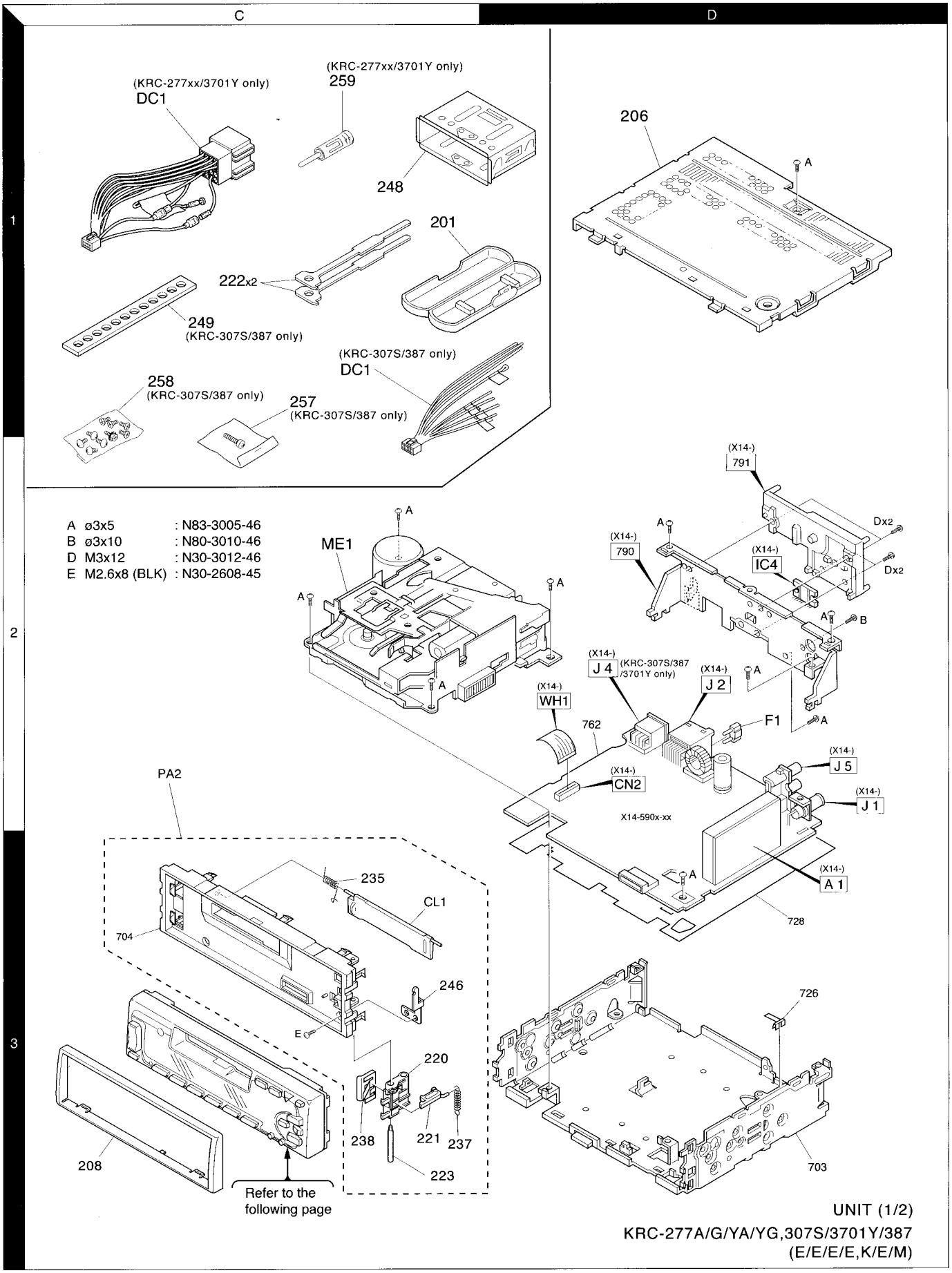


A		: N09-4193-08
B	M2x2.5	: N09-4194-08
C	M1.7x7	: N09-4195-08
D		: N09-4196-08
E	M2x2.2	: N09-4197-08
F		: N09-4198-08
G	M2x3	: N09-4199-08
H	M2x5 (BLK)	: N09-4200-08
J	M2.6x3(BLK)	: N09-4201-08
K		: N19-2086-08
L	ø 1.2x ø 3	: N19-2087-08
M	ø 1.6x ø 3.2	: N19-2088-08
N	ø 1.6x ø 3.2	: N19-2089-08
P	ø 2.1x ø 3.2	: N19-2090-08
Q	ø 2.1x ø 4	: N19-2091-08
R	ø 1.5x ø 3.2	: N19-2092-08
S	ø 1.5E	: N29-0510-08
T	ø 1.6E	: N29-0511-08

D40-1081-15 (MECHA.)

Parts with exploded numbers larger than 700 are not supplied.

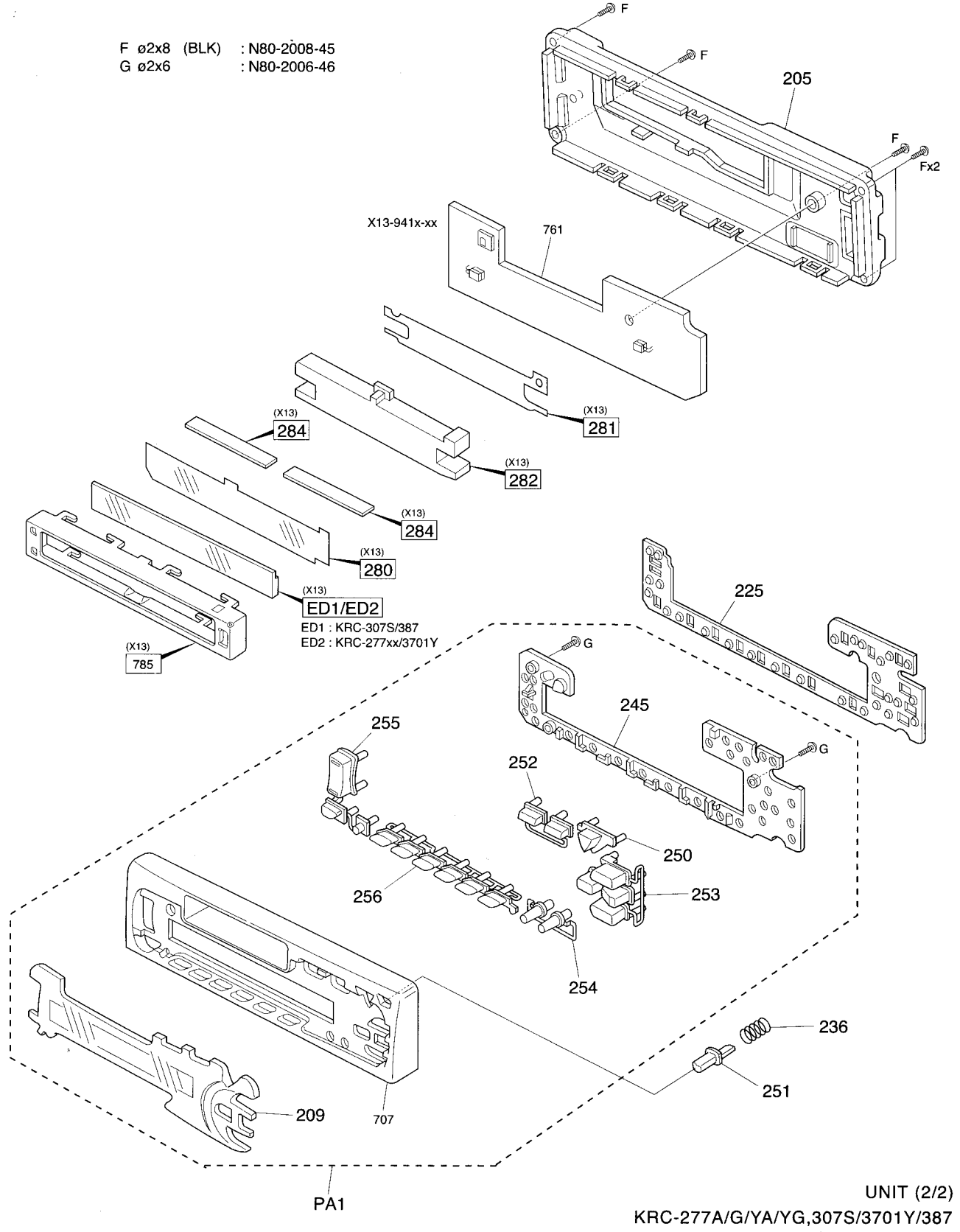
EXPLODED VIEW (UNIT)



UNIT (1/2)
KRC-277A/G/YA/YG,307S/3701Y/387
(E/E/E/E,K/E/M)

Parts with exploded numbers larger than 700 are not supplied.

EXPLODED VIEW (UNIT)



UNIT (2/2)
KRC-277A/G/YA/YG,307S/3701Y/387
(E/E/E/E,K/E/M)

Parts with exploded numbers larger than 700 are not supplied.

KRC-277A/G/YA/YG,307S/3701Y/387

PARTS LIST

✻ New Parts
Parts without **Part No.** are not supplied.
Les articles non mentionnes dans le **Parts No.** ne sont pas fournis.
Teile ohne **Parts No.** werden nicht geliefert.

Ref. No.	Add	New	Parts No.	Description	Destination
KRC-277A/G/YA/YG,307S/3701Y/387					
201	1C		A02-1486-13	PLASTIC CABINET ASSY	
205	1F	✻	A46-1618-11	REAR COVER	
206	1D		A52-0719-02	TOP PLATE	
CL1	3C		A53-1638-13	CASSETTE LID	
PA1	3E	✻	A64-1554-12	PANEL ASSY	K1
PA1	3E	✻	A64-1633-12	PANEL ASSY	M2
PA1	3E	✻	A64-1635-12	PANEL ASSY	E4
PA1	3E	✻	A64-1637-12	PANEL ASSY	E1
PA1	3E	✻	A64-1637-12	PANEL ASSY	E2E3E
PA2	2C	✻	A22-2227-32	SUB PANEL ASSY	
208	3C		B07-2163-02	ESCUTCHEON	
209	3E	✻	B10-2961-11	FRONT GLASS	K1
209	3E	✻	B10-2962-11	FRONT GLASS	M2
209	3E	✻	B10-3005-11	FRONT GLASS	E4
209	3E	✻	B10-3007-11	FRONT GLASS	E1
209	3E	✻	B10-3007-11	FRONT GLASS	E2E3E
-			B46-0100-50	WARRANTY CARD	E3
-			B46-0100-50	WARRANTY CARD	K1M2E2
-			B46-0172-13	QUESTIONAIRE CARD	K1
-			B46-0606-04	ID CARD	
-		✻	B58-1319-04	CAUTION CARD	EE1
-		✻	B58-1319-04	CAUTION CARD	E4E2E3
-		✻	B64-1319-00	INST. MANUAL (ENG,FRE)	K1
-		✻	B64-1320-00	INST. MANUAL (ENG,CHI)	M2
-		✻	B64-1322-00	INST. MANUAL (ENG,RUS)	E4
-		✻	B64-1331-00	INST. MANUAL (ENG,FRE,GER,DUT)	E2E3
-		✻	B64-1331-00	INST. MANUAL (ITA,SPA,POR)	E2E3
-		✻	B64-1332-00	INST. MANUAL (ENG,RUS,POL)	EE1
-		✻	B64-1332-00	INST. MANUAL (HUN,CZE,CRO)	EE1
-		✻	B64-1386-00	INST. MANUAL (SPANISH)	K1
220	3C		D10-4051-33	LEVER	
221	3C		D10-4052-03	LEVER	
222	1C		D10-3031-04	LEVER (REMOVAL)	
223	3C		D21-2250-04	SHAFT	
ME1	2C		D40-1081-15	CASSETTE MECHANISM ASSY	
225	2F	✻	E29-1577-02	CONDUCTIVE RUBBER	
⚠ DC1	1C		E30-4517-05	DC CORD	K1
⚠ DC1	1C		E30-4518-05	DC CORD	M2
⚠ DC1	1C		E30-4552-05	DC CORD	EE1
⚠ DC1	1C		E30-4552-05	DC CORD	E4E2E3
⚠ F1	2D		F52-0006-05	FUSE (MINI BLADE TYPE) (10A)	
235	3C		G01-2525-04	TORSION COIL SPRING	
236	3F		G01-2738-04	COMPRESSION SPRING	
237	3C		G01-2792-04	EXTENSION SPRING	
238	3C		G02-1244-03	FLAT SPRING	
-			H10-4577-12	POLYSTYRENE FOAMED FIXTURE	
-			H25-0329-04	PROTECTION BAG (280X450X0.03)	EE1
-			H25-0329-04	PROTECTION BAG (280X450X0.03)	K1M2E4
-			H25-0337-04	PROTECTION BAG (180X300X0.03)	
-			H25-1111-04	PROTECTION BAG (280X450X0.03)	E2E3
-		✻	H54-1309-03	ITEM CARTON CASE (KRC-307S)	K1
-		✻	H54-1310-03	ITEM CARTON CASE (KRC-387)	M2
-		✻	H54-1312-03	ITEM CARTON CASE (KRC-3701Y)	E4
-		✻	H54-1322-03	ITEM CARTON CASE (KRC-277G)	E2
-		✻	H54-1323-03	ITEM CARTON CASE (KRC-277A)	E3
-		✻	H54-1444-03	ITEM CARTON CASE (KRC-277YG)	E
-		✻	H54-1445-03	ITEM CARTON CASE (KRC-277YA)	E1
245	2F	✻	J19-4882-12	HOLDER	
246	3C		J21-7726-04	MOUNTING HARDWARE	
248	1C		J21-7881-03	MOUNTING HARDWARE ASSY	
249	1C		J54-0606-04	STAY	K1M2
250	3F	✻	K24-1927-04	KNOB (SRC)	
251	3F	✻	K24-1948-04	KNOB (RELEASE)	
252	2F	✻	K25-0963-03	KNOB (AUD,EJECT)	
253	3F	✻	K25-0969-03	KNOB (FM,AM,UP,DOWN)	
254	3F	✻	K25-0970-03	KNOB (AUTO,CLK)	
255	2E	✻	K25-0971-03	KNOB (VOL,ATT)	
256	3E	✻	K25-0972-03	KNOB (1,2,3,4,5,6)	
257	1C		N99-1610-15	SCREW SET (1-SCREW)	K1M2
258	1C		N99-1632-05	SCREW SET (9-SCREW)	K1M2
A	2C		N83-3005-46	PAN HEAD TAPTITE SCREW	
E	3C		N30-2608-45	PAN HEAD MACHINE SCREW	
F	1F		N80-2008-45	PAN HEAD TAPTITE SCREW	
G	2F		N80-2006-46	PAN HEAD TAPTITE SCREW	
259	1C		T90-0523-05	ANTENNA ADAPTOR	EE1
259	1C		T90-0523-05	ANTENNA ADAPTOR	E4E2E3

SWITCH UNIT (X13-941x-xx)

280	2E	✻	B11-0967-04	OPTICAL DIFFUSER				
281	2F	✻	B11-0968-04	REFLECTION SHEET				
282	2F	✻	B19-1166-13	LIGHTING BOARD				
D1 -16		✻	B30-1533-05	LED				E2E
D1 -16		✻	B30-1533-05	LED				K1M2E4
D1 -16		✻	B30-1534-05	LED				E3E1
D17		✻	B30-1545-05	LED (BLUE)				EE1
D17		✻	B30-1545-05	LED (BLUE)				E4E2E3
D17			B30-2025-05	LED				K1M2
ED1	2E	✻	B38-1005-05	LIQUID CRYSTAL				K1M2
ED2	2E	✻	B38-1006-05	LIQUID CRYSTAL				EE1
ED2	2E	✻	B38-1006-05	LIQUID CRYSTAL				E4E2E3
PL1 ,2			B30-1485-05	LAMP (5.5V 0.125A)				
PL1 ,2		✻	B30-1543-05	LAMP (GRN,5.5V,0.12)				
C1			CK73FB1H473KTA	CHIP C	0.047UF	K		
C2			CK73FB1H103K	CHIP C	0.010UF	K		
C4			CK73FB1H473KTA	CHIP C	0.047UF	K		
C5			CK73FB1H821K	CHIP C	820PF	K		
C8			CK73FB1C104K	CHIP C	0.10UF	K		EE1
C8			CK73FB1C104K	CHIP C	0.10UF	K		E4E2E3
284	2E	✻	E29-1575-04	CONDUCTIVE RUBBER				
J1			E59-0828-05	RECTANGULAR PLUG				
R1 -3			RK73EB2B331J	CHIP R	330	J	1/8W	
R4 -6			RK73EB2B471J	CHIP R	470	J	1/8W	
R7			RK73EB2B361J	CHIP R	360	J	1/8W	EE1
R7			RK73EB2B361J	CHIP R	360	J	1/8W	E4E2E3
R7			RK73EB2B471J	CHIP R	470	J	1/8W	K1M2

E: Europe **K**: North America **M**: Other Areas
W: Without Europe

E : KRC-277YG **E3**: KRC-277A **K1**: KRC-307S
E1: KRC-277YA **E4**: KRC-3701Y **M2**: KRC-387
E2: KRC-277G

⚠ indicates safety critical components.

PARTS LIST

* New Parts
Parts without **Part No.** are not supplied.
Les articles non mentionnes dans le **Parts No.** ne sont pas fournis.
Teile ohne **Parts No.** werden nicht geliefert.

Ref. No.	Add	New	Parts No.	Description			Destination
R11 -14			RK73FB2A101J	CHIP R	100	J 1/10W	
R18			RK73FB2A102J	CHIP R	1.0K	J 1/10W	
R19			RK73FB2A683J	CHIP R	68K	J 1/10W	
R22 ,23			RK73EB2B130J	CHIP R	13	J 1/8W	
D24 ,25			MA3062WA	ZENER DIODE			
IC1			LC75853NE	MOS-IC			
Q1			DTA114EK	DIGITAL TRANSISTOR			
Q1		*	UN2111	DIGITAL TRANSISTOR			

SYNTHESIZER UNIT (X14-590x-xx)

D8			B30-1511-05	LED			
C1 ,2			CK73GB1H152K	CHIP C	1500PF	K	
C3 ,4			CE04CW0J220M	ELECTRO	22UF	6.3WV	
C5 ,6			CK73GB1E123K	CHIP C	0.012UF	K	
C7 ,8			C90-2602-05	ELECTRO	0.10UF	50WV	
C9 ,10			C90-2595-05	ELECTRO	4.7UF	16WV	
C11 ,12			C90-2604-05	ELECTRO	0.22UF	50WV	K1M2E4
C13			CE04CW0J220M	ELECTRO	22UF	6.3WV	K1M2E4
C17 ,18			C90-2592-05	ELECTRO	10UF	6.3WV	
C19 ,20			CK73EB1C105K	CHIP C	1.0UF	K	
C21 ,22			CC73FCH1H101J	CHIP C	100PF	J	
C43			CK73FB1H103K	CHIP C	0.010UF	K	
C45 -48			CK73FB1C124K	CHIP C	0.12UF	K	
C54			CK73GB1H103K	CHIP C	0.010UF	K	
C55			C90-2606-05	ELECTRO	0.47UF	50WV	
C56			CK73GB1H103K	CHIP C	0.010UF	K	
C60 ,61			CK73FB1H103K	CHIP C	0.010UF	K	
C65			CE04CW1A101M	ELECTRO	100UF	10WV	
C66			CK73FB1H103K	CHIP C	0.010UF	K	
C67			C90-2608-05	ELECTRO	1.0UF	50WV	
C68			CK73GB1E153K	CHIP C	0.015UF	K	
C69 ,70			CK73FB1C104K	CHIP C	0.10UF	K	
C101,102			CC73GCH1H220J	CHIP C	22PF	J	
C103			CE04DW0J470M	ELECTRO	47UF	6.3WV	
C104			CK73FB1H103K	CHIP C	0.010UF	K	
C110			CE04CW0J331M	ELECTRO	330UF	6.3WV	
C111			CK73GB1H103K	CHIP C	0.010UF	K	
C122			CK73FB1C104K	CHIP C	0.10UF	K	
C123			C90-2608-05	ELECTRO	1.0UF	50WV	
C124			CE04CW1A101M	ELECTRO	100UF	10WV	
C125			CK73GB1H103K	CHIP C	0.010UF	K	
C126			C90-2604-05	ELECTRO	0.22UF	50WV	
C131			CK73GB1H103K	CHIP C	0.010UF	K	K1M2
C131,132			CK73GB1H103K	CHIP C	0.010UF	K	EE1
C131,132			CK73GB1H103K	CHIP C	0.010UF	K	E4E2E3
C133			CK73FB1H103K	CHIP C	0.010UF	K	
C170			C90-5242-05	ELECTRO	3300UF	16WV	
C171-173			C90-2595-05	ELECTRO	4.7UF	16WV	
C174			C90-2597-05	ELECTRO	10UF	16WV	
C175,176			C90-2595-05	ELECTRO	4.7UF	16WV	
C193			CK73FB1E273KTA	CHIP C	0.027UF	K	
C194			CC73FCH1H151J	CHIP C	150PF	J	
C195			CK73FB1C224K	CHIP C	0.22UF	K	
C202			CE04DW1H3R3M	ELECTRO	3.3UF	50WV	
C203			CE04CW1A101M	ELECTRO	100UF	10WV	

(X14-590x-xx)

Ref. No.	Add	New	Parts No.	Description			Destination
C204			C90-2595-05	ELECTRO	4.7UF	16WV	
C205			C90-2934-05	ELECTRO	0.47UF	50WV	M2
C205			C90-2943-05	ELECTRO	0.1UF	50WV	E3EE1
C205			C90-2943-05	ELECTRO	0.1UF	50WV	K1E4E2
C332			CE04CW1C470M	ELECTRO	47UF	16WV	
C336,337			CK73FB1C224K	CHIP C	0.22UF	K	
CN1			E40-9541-05	PIN ASSY			
J1	2D		E04-0306-05	RF COAXIAL CABLE RECEPTACLE			
J2	2D		E58-0863-05	RECTANGULAR RECEPTACLE			
J3		*	E58-0879-05	RECTANGULAR RECEPTACLE			
J4	2D		E56-0809-05	CYLINDRICAL RECEPTACLE			K1M2E4
J5	2D		E63-0013-05	PHONO JACK (2P)			
WH1	2D		E31-8094-05	LEAD WIRE			
CN2	2D		J19-4655-05	LEAD HOLDER			
⚠ L1			L33-1063-15	CHOKE COIL			
L2 -6			L40-1001-17	SMALL FIXED INDUCTOR (10UH,K)			
X1			L77-1165-05	CRYSTAL RESONATOR (4.5MHZ)			
X1			L77-2025-05	CRYSTAL RESONATOR (4.5MHZ)			
A	2D		N83-3005-46	PAN HEAD TAPTITE SCREW			
B	2D		N80-3010-46	PAN HEAD TAPTITE SCREW			
D	2D		N30-3012-46	PAN HEAD MACHINE SCREW			
CP1			R90-0719-05	MULTI-COMP	4.7K X2		
CP3			R90-1013-05	MULTI-COMP	2.2K X2		
CP4			R90-0718-05	MULTI-COMP	4.7K X4		
CP5 ,6			R90-0719-05	MULTI-COMP	4.7K X2		
R1 ,2			RK73GB1J153J	CHIP R	15K	J 1/16W	
R3 ,4			RK73EB2B151J	CHIP R	150	J 1/8W	
R5 ,6			RK73FB2A334J	CHIP R	330K	J 1/10W	
R7 ,8			RK73GB1J123J	CHIP R	12K	J 1/16W	
R9 ,10			RK73GB1J183J	CHIP R	18K	J 1/16W	
R11 ,12			RK73FB2A562J	CHIP R	5.6K	J 1/10W	
R13 ,14			RK73FB2A512J	CHIP R	5.1K	J 1/10W	
R17 ,18			RK73GB1J103J	CHIP R	10K	J 1/16W	
R19 ,20			RK73GB1J271J	CHIP R	270	J 1/16W	
R21 ,22			RK73EB2B100J	CHIP R	10	J 1/8W	K1M2E4
R23			RK73EB2B4R7J	CHIP R	4.7	J 1/8W	K1M2E4
R33 -36			RK73GB1J472J	CHIP R	4.7K	J 1/16W	
R39 ,40			RK73GB1J303J	CHIP R	30K	J 1/16W	
R45 ,46			RK73GB1J271J	CHIP R	270	J 1/16W	
R47 ,48			RK73FB2A101J	CHIP R	100	J 1/10W	
R50			RK73GB1J184J	CHIP R	180K	J 1/16W	
R51			RK73GB1J162J	CHIP R	1.6K	J 1/16W	
R52			RK73GB1J243J	CHIP R	24K	J 1/16W	
R53			RK73FB2A471J	CHIP R	470	J 1/10W	
R54			RK73FB2A751J	CHIP R	750	J 1/10W	
R55			RK73GB1J223J	CHIP R	22K	J 1/16W	
R56			RK73GB1J104J	CHIP R	100K	J 1/16W	
R57			RK73FB2A471J	CHIP R	470	J 1/10W	
R59			RK73FB2A104J	CHIP R	100K	J 1/10W	
R65			RD14BB2C4R7J	RD	4.7	J 1/6W	
R67			RK73GB1J472J	CHIP R	4.7K	J 1/16W	
R101			RK73FB2A222J	CHIP R	2.2K	J 1/10W	

E: Europe **K**: North America **M**: Other Areas
W: Without Europe

E : KRC-277YG **E3**: KRC-277A **K1**: KRC-307S
E1: KRC-277YA **E4**: KRC-3701Y **M2**: KRC-387
E2: KRC-277G

⚠ indicates safety critical components.

PARTS LIST

* New Parts
Parts without **Part No.** are not supplied.
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(X14-590x-xx)

Ref. No.	Add	New	Parts No.	Description				Destination
R102			RK73FB2A512J	CHIP R	5.1K	J	1/10W	
R103			RK73FB2A563J	CHIP R	56K	J	1/10W	
R106			RK73FB2A472J	CHIP R	4.7K	J	1/10W	
R107			RK73GB1J472J	CHIP R	4.7K	J	1/16W	
R117			RK73FB2A241J	CHIP R	240	J	1/10W	
R119			RK73GB1J103J	CHIP R	10K	J	1/16W	M2E4E1
R119			RK73GB1J103J	CHIP R	10K	J	1/16W	E2E3E
R120			RK73GB1J103J	CHIP R	10K	J	1/16W	E2E3E
R120			RK73GB1J103J	CHIP R	10K	J	1/16W	K1E1
R121			RK73GB1J103J	CHIP R	10K	J	1/16W	E4
R123			RK73FB2A222J	CHIP R	2.2K	J	1/10W	
R124			RK73FB2A225J	CHIP R	2.2M	J	1/10W	
R125,126			RK73FB2A473J	CHIP R	47K	J	1/10W	
R129			RK73FB2A472J	CHIP R	4.7K	J	1/10W	
R135			RK73GB1J223J	CHIP R	22K	J	1/16W	
R139			RK73FB2A332J	CHIP R	3.3K	J	1/10W	
R141			RK73GB1J472J	CHIP R	4.7K	J	1/16W	
R142			RK73FB2A102J	CHIP R	1.0K	J	1/10W	
R143			RK73GB1J223J	CHIP R	22K	J	1/16W	
R144			RK73FB2A223J	CHIP R	22K	J	1/10W	
R145			RK73GB1J104J	CHIP R	100K	J	1/16W	
R146			RK73FB2A473J	CHIP R	47K	J	1/10W	
R147			RK73GB1J103J	CHIP R	10K	J	1/16W	
R150			RK73GB1J473J	CHIP R	47K	J	1/16W	
R151			RK73GB1J273J	CHIP R	27K	J	1/16W	
R152			RK73EB2B222J	CHIP R	2.2K	J	1/8W	
R153			RK73GB1J472J	CHIP R	4.7K	J	1/16W	
R154			RK73GB1J473J	CHIP R	47K	J	1/16W	
R156			RK73EB2B101J	CHIP R	100	J	1/8W	
R157			RK73EB2B102J	CHIP R	1.0K	J	1/8W	
R158,159			RK73EB2B101J	CHIP R	100	J	1/8W	
R161			RK73EB2B222J	CHIP R	2.2K	J	1/8W	
R162			RK73FB2A470J	CHIP R	47	J	1/10W	
R168			RK73GB1J331J	CHIP R	330	J	1/16W	
R169			RD14DB2H821J	SMALL-RD	820	J	1/2W	M2
R170			RD14BB2C473J	RD	47K	J	1/6W	M2
R171			RK73EB2B472J	CHIP R	4.7K	J	1/8W	M2
R173			RK73EB2B103J	CHIP R	10K	J	1/8W	
R174			RK73EB2B472J	CHIP R	4.7K	J	1/8W	
R175			RD14DB2H332J	SMALL-RD	3.3K	J	1/2W	
R176			RK73EB2B104J	CHIP R	100K	J	1/8W	
R177			RK73GB1J273J	CHIP R	27K	J	1/16W	
R178			RK73FB2A303J	CHIP R	30K	J	1/10W	
R180			RK73GB1J104J	CHIP R	100K	J	1/16W	
R182			RK73FB2A103J	CHIP R	10K	J	1/10W	
R184			RK73EB2B104J	CHIP R	100K	J	1/8W	
R185			RK73EB2B103J	CHIP R	10K	J	1/8W	EE1
R185			RK73EB2B103J	CHIP R	10K	J	1/8W	E4E2E3
R186			RK73FB2A473J	CHIP R	47K	J	1/10W	
R187			RK73GB1J223J	CHIP R	22K	J	1/16W	
R191			RK73FB2A472J	CHIP R	4.7K	J	1/10W	
R192			RK73GB1J272J	CHIP R	2.7K	J	1/16W	
R207			RK73FB2A101J	CHIP R	100	J	1/10W	
R250			RK73FB2A102J	CHIP R	1.0K	J	1/10W	
R251			RK73GB1J472J	CHIP R	4.7K	J	1/16W	

Ref. No.	Add	New	Parts No.	Description				Destination
R253			RK73GB1J154J	CHIP R	150K	J	1/16W	
R255			RK73GB1J472J	CHIP R	4.7K	J	1/16W	
R256			RK73GB1J302J	CHIP R	3.0K	J	1/16W	E3EE1
R256			RK73GB1J302J	CHIP R	3.0K	J	1/16W	K1E4E2
R256			RK73GB1J751J	CHIP R	750	J	1/16W	M2
R257			RK73GB1J513J	CHIP R	51K	J	1/16W	
R258			RK73FB2A431J	CHIP R	430	J	1/10W	
R332			RK73FB2A122J	CHIP R	1.2K	J	1/10W	
R333			RK73GB1J104J	CHIP R	100K	J	1/16W	
R336			RK73GB1J103J	CHIP R	10K	J	1/16W	
R337			RD14DB2H102J	SMALL-RD	1.0K	J	1/2W	
R338			RK73FB2A104J	CHIP R	100K	J	1/10W	
R339,340			RK73FB2A471J	CHIP R	470	J	1/10W	
R404,405			RK73EB2B101J	CHIP R	100	J	1/8W	K1M2E4
R406,407			RK73EB2B472J	CHIP R	4.7K	J	1/8W	K1M2E4
R408			RK73EB2B102J	CHIP R	1.0K	J	1/8W	K1M2E4
R409,410			RK73EB2B472J	CHIP R	4.7K	J	1/8W	K1M2E4
R411			RK73EB2B101J	CHIP R	100	J	1/8W	K1M2E4
R412-415			RK73GB1J104J	CHIP R	100K	J	1/16W	
W1			R92-2053-05	CHIP R	0	J	1/8W	K1M2E4
W2			R92-2053-05	CHIP R	0	J	1/8W	K1M2E4
W3 ,4			R92-2053-05	CHIP R	0	J	1/8W	
D3 ,4			DA204K	DIODE				K1M2E4
D5			MA3062-M	ZENER DIODE				K1M2E4
D6 ,7			DAP202U	DIODE				
D6 ,7			MA142WA	DIODE				
D10			M1F60	DIODE				E3EE1
D10			M1F60	DIODE				K1E4E2
D11			M1F60	DIODE				M2
D12			1SS133	DIODE				
D14			1SS133	DIODE				
D15			AM01Z	DIODE				
D15			ERA15-01	DIODE				
D16		*	S2V20*A	DIODE				
D17			AM01Z	DIODE				M2
D17			ERA15-01	DIODE				M2
D18			MA4047-M	ZENER DIODE				EE1
D18			MA4047-M	ZENER DIODE				E4E2E3
D19			MA4068(N)-M	ZENER DIODE				
D20			MA4051-L	ZENER DIODE				
D21			1SS133	DIODE				
D331			MA4082-L	ZENER DIODE				
D333			AM01Z	DIODE				
D333			ERA15-01	DIODE				
D403			MA3062WA	ZENER DIODE				K1M2E4
D408			MA4062-L	ZENER DIODE				K1M2E4
D411			MA4062-L	ZENER DIODE				K1M2E4
IC1		*	LC72366-9468	MI-COM IC				E1
IC1		*	LC72366-9468	MI-COM IC				E2E3E
IC1		*	LC72366-9491	MI-COM IC				K1M2E4
IC2		*	TDA7461ND	ANALOGUE IC				
IC3		*	BA3917-V8	ANALOGUE IC				
IC4	2D		TDA7384A	ANALOGUE IC				M2
IC4	2D		TDA7385	ANALOGUE IC				E3EE1

E: Europe **K**: North America **M**: Other Areas
W: Without Europe

E : KRC-277YG **E3**: KRC-277A **K1**: KRC-307S
E1: KRC-277YA **E4**: KRC-3701Y **M2**: KRC-387
E2: KRC-277G

⚠ indicates safety critical components.

PARTS LIST

* New Parts
Parts without **Part No.** are not supplied.
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Ref. No.	Add	New	Parts No.	Description	Destination
IC4	2D		TDA7385	ANALOGUE IC	K1E4E2
IC5			HA12197F	ANALOGUE IC	
IC6			LB1930M	ANALOGUE IC	
IC7			HD74HC27FP	MOS-IC	
Q1 ,2			DTC143TUA	DIGITAL TRANSISTOR	
Q1 ,2			UN5216	DIGITAL TRANSISTOR	
Q43 ,44			DTC143TUA	DIGITAL TRANSISTOR	
Q43 ,44			UN5216	DIGITAL TRANSISTOR	
Q51			DTC144EUA	DIGITAL TRANSISTOR	
Q51		*	UN5213	DIGITAL TRANSISTOR	
Q101,102			2SA1576A	TRANSISTOR	
Q103			DTC144EUA	DIGITAL TRANSISTOR	
Q103		*	UN5213	DIGITAL TRANSISTOR	
Q104			2SC4081	TRANSISTOR	
Q104		*	2SD1819A	TRANSISTOR	
Q105			2SA1576A	TRANSISTOR	
Q116			DTC114YUA	DIGITAL TRANSISTOR	M2
Q116		*	UN5214	DIGITAL TRANSISTOR	M2
Q117			2SB1277	TRANSISTOR	M2
Q118			2SC4081	TRANSISTOR	
Q118		*	2SD1819A	TRANSISTOR	
Q119			DTA124EUA	DIGITAL TRANSISTOR	
Q119			UN5112	DIGITAL TRANSISTOR	
Q120			2SD1760	TRANSISTOR	
Q121			DTC144EUA	DIGITAL TRANSISTOR	
Q121		*	UN5213	DIGITAL TRANSISTOR	
Q171			2SC4081	TRANSISTOR	
Q171		*	2SD1819A	TRANSISTOR	
Q172			2SB1184	TRANSISTOR	
Q201			DTC144EUA	DIGITAL TRANSISTOR	
Q201		*	UN5213	DIGITAL TRANSISTOR	
Q331			DTC144EUA	DIGITAL TRANSISTOR	
Q331		*	UN5213	DIGITAL TRANSISTOR	
Q332			DTA124EUA	DIGITAL TRANSISTOR	
Q332			UN5112	DIGITAL TRANSISTOR	
Q333			2SC4081	TRANSISTOR	
Q333		*	2SD1819A	TRANSISTOR	
Q334			2SB1184	TRANSISTOR	
Q335			DTC114EUA	DIGITAL TRANSISTOR	
Q335			UN5211	DIGITAL TRANSISTOR	
Q336			2SB1443	TRANSISTOR	
Q337			DTC144EUA	DIGITAL TRANSISTOR	
Q337		*	UN5213	DIGITAL TRANSISTOR	
TH1			PT722A80C	POSITIVE RESISTOR	
A1	3D	*	X86-3090-11	TUNER UNIT	K1M2
A1	3D	*	X86-3092-70	TUNER UNIT	E4
A1	3D	*	X86-3092-71	TUNER UNIT	E1
A1	3D	*	X86-3092-71	TUNER UNIT	E2E3E

CASSETTE MECHANISM ASSY (D40-1081-15)

(D40-1081-15)

Ref. No.	Add	New	Parts No.	Description	Destination
1	2A		A10-4329-08	CHASSIS ASSY	
2	1A		J21-7779-08	MOUNTING HARDWARE	
3	2B		A11-0931-08	SUB CHASSIS ASSY	
4	1A		D10-4106-08	ARM	
5	2A		D10-4107-08	ARM	
6	2A		D10-4108-08	ARM	
7	2B		D10-4109-08	ARM	
8	2A		D10-4110-08	ARM ASSY	
9	2A		D10-4111-08	ARM ASSY	
10	3A		D10-4112-08	ARM	
13	2A		D10-4113-08	ARM	
14	1B		D13-1324-08	GEAR ASSY	
15	3A		D01-0609-08	FLYWHEEL ASSY	
16	2A		D13-1325-08	GEAR ASSY	
17	2A		D10-4114-08	ARM ASSY	
18	3A		D01-0610-08	FLYWHEEL ASSY	
19	3A		D13-1326-08	GEAR ASSY	
22	2B		D10-4115-08	SLIDER	
23	3B		D10-4116-08	SLIDER	
24	1B		J21-7780-08	MOUNTING HARDWARE	
25	1B		D10-4117-08	ARM	
26	1B		D10-4118-08	SLIDER	
27	1A		A52-0716-08	HOLDER	
31	3B		J21-7781-08	MOUNTING HARDWARE	
32	1B		J90-0767-08	GUID	
33	1B		J19-4737-08	BRACKET	
34	1B		D12-0622-08	CAM	
35	2B		D13-1327-08	GEAR	
36	2B		D13-1328-08	GEAR	
37	3A		D13-1329-08	GEAR	
38	3A		D10-4119-08	ARM	
39	1B		D13-1330-08	GEAR	
40	2A		D13-1331-08	GEAR	
41	2A		D13-1332-08	GEAR	
42	2B		J11-0619-08	CLAMPER	
43	1B		D13-1333-08	GEAR	
44	1B		D13-1334-08	GEAR	
45	2A		D13-1335-08	GEAR	
46	2B		D10-4120-08	ARM	
47	2B		J19-4738-08	HOLDER	
48	2B		J11-0620-08	CLAMPER	
52	2A		D03-0312-08	REEL DISK	
53	3A		D15-0913-08	PULLEY	
54	1B		D13-1336-08	WORM	
55	1A		D10-4121-08	SLIDER	
57	1B		D13-1337-08	GEAR	
59	2B		J31-1036-08	COLLAR	
62	3B		D14-0683-08	ROLLER	
63	1A		D14-0684-08	ROLLER	
64	1A		D15-0914-08	PULLEY	
67	2A		G01-2832-08	TORSION COIL SPRING	
68	2A		G01-2833-08	TORSION COIL SPRING	
69	2B		G01-2834-08	TENSION COIL SPRING	
70	1B		G01-2835-08	TORSION COIL SPRING	
71	1B		G01-2836-08	TORSION COIL SPRING	
73	1A		G09-2020-08	SPRING	
74	2A		G01-2837-08	COMPRESSION COIL SPRING	
75	1B		G01-2838-08	TORSION COIL SPRING	
76	1A		G01-2839-08	TORSION COIL SPRING	
77	2A		G01-2843-08	TORSION COIL SPRING	

E: Europe **K**: North America **M**: Other Areas
W: Without Europe

E : KRC-277YG **E3**: KRC-277A **K1**: KRC-307S
E1: KRC-277YA **E4**: KRC-3701Y **M2**: KRC-387
E2: KRC-277G

⚠ indicates safety critical components.

PARTS LIST

✻ New Parts
Parts without **Part No.** are not supplied.
Les articles non mentionnes dans le **Parts No.** ne sont pas fournis.
Teile ohne **Parts No.** werden nicht geliefert.

(D40-1081-15)

Ref. No.	Add	New	Parts No.	Description	Destination
79	1A		G01-2840-08	TENSION COIL SPRING	
80	3A		G01-2841-08	TENSION COIL SPRING	
83	3A		D16-0609-08	BELT	
94	3A		S64-0804-08	LEVER SWITCH	
95	3A		S64-0805-08	LEVER SWITCH	
100	2B		E30-4460-08	CONNECTOR ASSY (10P)	
102	2B		T95-0213-08	PHOTO COUPLER	
103	2B		S62-0858-08	SLIDE SWITCH	
105	2B		S74-0813-08	LEAF SWITCH	
107	3A		E30-4468-08	CONNECTOR ASSY (7P)	
A	1B		N09-4193-08	SCREW	
B	1B		N09-4194-08	SCREW	
C	3A		N09-4195-08	SCREW	
D	1B		N09-4196-08	SCREW	
E	2A		N09-4197-08	SCREW	
F	1B		N09-4198-08	SCREW	
G	1A		N09-4199-08	SCREW	
H	2B		N09-4200-08	SCREW	
J	3B		N09-4201-08	SCREW	
K	2A		N19-2086-08	FLAT WASHER	
L	3A		N19-2087-08	FLAT WASHER	
M	1B		N19-2088-08	FLAT WASHER	
N	1B		N19-2089-08	FLAT WASHER	
P	3A		N19-2090-08	FLAT WASHER	
Q	2A		N19-2091-08	FLAT WASHER	
R	1A		N19-2092-08	FLAT WASHER	
S	2B		N29-0510-08	RETAINING RING	
T	2A		N29-0511-08	RETAINING RING	
HD1	1B		T31-0220-08	PLAYBACK HEAD	
M1	1A		T42-0759-08	MOTOR ASSY (MAIN)	
M2	1B		T42-0755-08	MOTOR ASSY (SUB)	

Ref. No.	Add	New	Parts No.	Description	Destination

E: Europe **K**: North America **M**: Other Areas
W: Without Europe

E : KRC-277YG **E3**: KRC-277A **K1**: KRC-307S
E1: KRC-277YA **E4**: KRC-3701Y **M2**: KRC-387
E2: KRC-277G

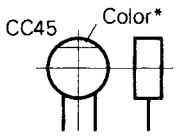
⚠ indicates safety critical components.

PARTS DESCRIPTIONS

CAPACITORS

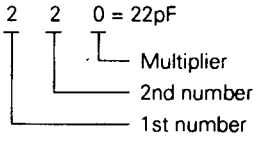
CC 45 TH 1H 220 J
1 2 3 4 5 6

1 = Type ... ceramic, electrolytic, etc.
2 = Shape ... round, square, ect.
3 = Temp. coefficient
4 = Voltage rating
5 = Value
6 = Tolerance



• Capacitor value

010 = 1pF
100 = 10pF
101 = 100pF
102 = 1000pF = 0.001μF
103 = 0.01μF



• Temperature coefficient

1st Word	C	L	P	R	S	T	U
Color*	Black	Red	Orange	Yellow	Green	Blue	Violet
ppm/°C	0	-80	-150	-220	-330	-470	-750

2nd Word	G	H	J	K	L
ppm/°C	±30	±60	±120	±250	±500

Example : CC45TH = -470 ± 60ppm/°C

• Tolerance (More than 10pF)

Code	C	D	G	J	K	M	X	Z	P	No code
(%)	±0.25	±0.5	±2	±5	±10	±20	+40	+80	+100	More than 10μF -10 ~ +50
							-20	-20	-0	Less than 4.7μF -10 ~ +75

(Less than 10pF)

Code	B	C	D	F	G
(pF)	±0.1	±0.25	±0.5	±1	±2

• Voltage rating

1st word \ 2nd word	A	B	C	D	E	F	G	H	J	K	V
0	1.0	1.25	1.6	2.0	2.5	3.15	4.0	5.0	6.3	8.0	–
1	10	12.5	16	20	25	31.5	40	50	63	80	35
2	100	125	160	200	250	315	400	500	630	800	–
3	1000	1250	1600	2000	2500	3150	4000	5000	6300	8000	–

• Chip capacitors

(EX) C C 7 3 F S L 1 H 0 0 0 J
1 2 3 4 5 6 7
(Chip) (CH, RH, UJ, SL)

(EX) C K 7 3 F F 1 H 0 0 0 Z
1 2 3 4 5 6 7
(Chip) (B, F)

Refer to the table above.
1 = Type
2 = Shape
3 = Dimension
4 = Temp. coefficient
5 = Voltage rating
6 = Value
7 = Tolerance

Dimension (Chip capacitors)

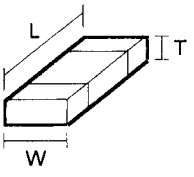
Dimension code	L	W	T
Empty	5.6 ± 0.5	5.0 ± 0.5	Less than 2.0
A	4.5 ± 0.5	3.2 ± 0.4	Less than 2.0
B	4.5 ± 0.5	2.0 ± 0.3	Less than 2.0
C	4.5 ± 0.5	1.25 ± 0.2	Less than 1.25
D	3.2 ± 0.4	2.5 ± 0.3	Less than 1.5
E	3.2 ± 0.2	1.6 ± 0.2	Less than 1.25
F	2.0 ± 0.3	1.25 ± 0.2	Less than 1.25
G	1.6 ± 0.2	0.8 ± 0.2	Less than 1.0

RESISTORS

• Chip resistor (Carbon)

(EX) R K 7 3 E B 2 B 0 0 0 J
1 2 3 4 5 6 7
(Chip) (B,F)

Dimension



• Carbon resistor (Normal type)

(EX) R D 1 4 B B 2 C 0 0 0 J
1 2 3 4 5 6 7

1 = Type
2 = Shape
3 = Dimension
4 = Temp. coefficient
5 = Rating wattage
6 = Value
7 = Tolerance

Dimension (Chip resistor)

Dimension code	L	W	T
E	3.2 ± 0.2	1.6 ± 0.2	1.0
F	2.0 ± 0.3	1.25 ± 0.2	1.0
G	1.6±0.2	0.8±0.2	0.5±0.1

Rating wattage

Code	Wattage	Code	Wattage	Code	Wattage
1J	1/16W	2C	1/6W	3A	1W
2A	1/10W	2E	1/4W	3D	2W
2B	1/8W	2H	1/2W		

KRC-277A/G/YA/YG,307S/3701Y/387

SPECIFICATIONS

		KRC-307S (K)	KRC-387 (M)	KRC-277A/G (E) KRC-277YA/YG (E)	KRC-3701Y (E)
		TDF	TDF	TDF	TDF
Tuner Type		CR2	CR2	CR2	CR2
FM	Frequency Range (Frequency Step)	- -	- -	- -	65MHz-74MHz (30KHz)
	Frequency Range (Frequency Step)	87.9MHz-107.9MHz (200KHz)	87.5MHz-108.0MHz (50KHz)	87.5MHz-108.0MHz (50KHz)	87.5MHz-108.0MHz (50KHz)
	Channel Space Selection	50KHz/200KHz	50KHz/200KHz	-	-
	Usable Sensitivity (S/N 26dB)	-	-	0.7 μV/75Ω	0.7 μV/75Ω
	Usable Sensitivity (S/N 30dB)	9.3dBf (0.8 μV/75Ω)	9.3dBf (0.8 μV/75Ω)	-	-
	Quieting Sensitivity (S/N 46dB)	-	-	1.6 μV/75Ω	1.6 μV/75Ω
	Quieting Sensitivity (S/N 50dB)	15.2dBf (1.6 μV/75Ω)	15.2dBf (1.6 μV/75Ω)	-	-
	Frequency Response (±3.0dB)	30Hz-15KHz	30Hz-15KHz	30Hz-15KHz	30Hz-15KHz
	S/N	70dB (MONO)	70dB (MONO)	65dB (MONO)	65dB (MONO)
	Selectivity	≧80dB (±400KHz)	≧80dB (±400KHz)	≧80dB (±400KHz)	≧80dB (±400KHz)
	Stereo Separation	40dB (1KHz)	40dB (1KHz)	35dB (1KHz)	35dB (1KHz)
MW or AM	Frequency Range (Frequency Step)	530KHz-1700KHz (10KHz)	531KHz-1611KHz (9KHz)	531KHz-1611KHz (9KHz)	531KHz-1611KHz (9KHz)
	Channel Space Selection	9KHz/10KHz	9KHz/10KHz	-	-
	Usable Sensitivity (S/N 20dB)	28dBμ (25 μV)	28dBμ (25 μV)	25 μV	25 μV
LW	Frequency Range	-	-	153KHz-281KHz	153KHz-281KHz 9KHz (Manual 1KHz)
	Usable Sensitivity (S/N 20dB)	-	-	45 μV	45 μV
CASSETTE	Tape Speed	4.76cm/sec.	4.76cm/sec.	4.76cm/sec.	4.76cm/sec.
	Wow/Flutter (wrms)	0.08% (WRMS)	0.08% (WRMS)	0.08% (WRMS)	0.08% (WRMS)
	Frequency Response (±3.0dB)	30Hz-14KHz (120 μs)	30Hz-14KHz (120 μs)	30Hz-14KHz (120 μs)	30Hz-14KHz (120 μs)
	Separation	43dB (1KHz)	43dB (1KHz)	43dB (1KHz)	43dB (1KHz)
	S/N Dolby NR OFF	54dB	54dB	54dB	54dB
Preout Level / Load		1800mV/10KΩ	1800mV/10KΩ	1800mV/10KΩ	1800mV/10KΩ
Preout Impedance		≦600Ω	≦600Ω	≦600Ω	≦600Ω
AMPLIFIER	Maximum Power	35W x4	40W x4	35W x4	35W x4
	Power DIN45324, +B=14.4V	-	-	21W x4	21W x4
	Full Bandwidth Power (at less than 1% THD)	18W x4	20W x4	-	-
TONE	Bass	100Hz ±10dB	100Hz ±10dB	100Hz ±10dB	100Hz ±10dB
	Treble	10KHz ±10dB	10KHz ±10dB	10KHz ±10dB	10KHz ±10dB
GENERAL	Operating Voltage (11V-16V allowable)	14.4V	14.4V	14.4V	14.4V
	Current Consumption	10A	10A	10A	10A
	Installation Size (Width) (Height) (Depth)	182mm 53mm 155mm	182mm 53mm 155mm	182mm 53mm 155mm (KRC-277A/G) 158mm (KRC-277YA/YG)	182mm 53mm 155mm
	Weight	1400g	1400g	1400g	1400g

KENWOOD follows a policy of continuous advancements in development. For this reason specifications may be changed without notice.

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